CAMBRIDGE



IELTS ACADEMIC 17

WITH ANSWERS

AUTHENTIC PRACTICE TESTS





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Introduction

Prepare for the exam with practice tests from Cambridge

Inside you'll find four authentic examination papers from Cambridge University Press & Assessment. They are the perfect way to practise – EXACTLY like the real exam.

Why are they unique?

All our authentic practice tests go through the same design process as the IELTS test. We check every single part of our practice tests with real students under exam conditions, to make sure we give you the most authentic experience possible.

Students can practise these tests on their own or with the help of a teacher to familiarise themselves with the exam format, understand the scoring system and practise exam technique.

Further information

IELTS is jointly managed by the British Council, IDP: IELTS Australia and Cambridge University Press & Assessment. Further information can be found on the IELTS official website at ielts.org.

WHAT IS THE TEST FORMAT?

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IELTS consists of four components. All candidates take the same Listening and Speaking

The test components are taken in the	ne following order.
	Total Test Time 2 hours 44 minutes

ACADEMIC TEST FORMAT

The test components are taken in the following order:

Listening

This test consists of four parts, each with ten questions. The first two parts are concerned with social needs. The first part is a conversation between two speakers and the second part is a monologue. The final two parts are concerned with situations related to educational or training contexts. The third part is a conversation between up to four people and the fourth part is a monologue.

A variety of question types is used, including: multiple choice, matching, plan/map/diagram labelling, form completion, note completion, table completion, flowchart completion, summary completion, sentence completion and short-answer questions.

Candidates hear the recording once only and answer the questions as they listen. Ten minutes are allowed at the end for candidates to transfer their answers to the answer sheet.

Reading

This test consists of three sections with 40 questions. There are three texts, which are taken from journals, books, magazines and newspapers. The texts are on topics of general interest. At least one text contains detailed logical argument.

A variety of question types is used, including: multiple choice, identifying information (True/False/Not Given), identifying the writer's views/claims (Yes/No/Not Given), matching information, matching headings, matching features, matching sentence endings, sentence completion, summary completion, note completion, table completion, flowchart completion, diagram-label completion and short-answer questions.

Writing

This test consists of two tasks. It is suggested that candidates spend about 20 minutes on Task 1, which requires them to write at least 150 words, and 40 minutes on Task 2, which requires them to write at least 250 words. Task 2 contributes twice as much as Task 1 to the Writing score.

Task 1 requires candidates to look at a diagram or some data (in a graph, table or chart) and to present the information in their own words. They are assessed on their ability to organise, present and possibly compare data, and are required to describe the stages of a process, describe an object or event, or explain how something works.

In Task 2, candidates are presented with a point of view, argument or problem. They are assessed on their ability to present a solution to the problem, present and justify an opinion, compare and contrast evidence and opinions, and to evaluate and challenge ideas, evidence or arguments.

Candidates are also assessed on their ability to write in an appropriate style. More information on assessing the Writing test, including Writing assessment criteria (public version), is available at ielts.org.

Speaking

This test takes between 11 and 14 minutes and is conducted by a trained examiner. There are three parts:

Part 1

The candidate and the examiner introduce themselves. Candidates then answer general questions about themselves, their home/family, their job/studies, their interests and a wide range of similar familiar topic areas. This part lasts between four and five minutes.

Part 2

The candidate is given a task card with prompts and is asked to talk on a particular topic. The candidate has one minute to prepare and they can make some notes if they wish, before speaking for between one and two minutes. The examiner then asks one or two questions on the same topic.

Part 3

The examiner and the candidate engage in a discussion of more abstract issues which are thematically linked to the topic in Part 2. The discussion lasts between four and five minutes.

The Speaking test assesses whether candidates can communicate effectively in English. The assessment takes into account Fluency and Coherence, Lexical Resource, Grammatical Range and Accuracy, and Pronunciation. More information on assessing the Speaking test, including Speaking assessment criteria (public version), is available at ielts.org.

HOW IS IELTS SCORED?

IELTS results are reported on a nine-band scale. In addition to the score for overall language ability, IELTS provides a score in the form of a profile for each of the four skills (Listening, Reading, Writing and Speaking). These scores are also reported on a nine-band scale. All scores are recorded on the Test Report Form along with details of the candidate's nationality, first language and date of birth. Each Overall Band Score corresponds to a descriptive statement which gives a summary of the English-language ability of a candidate classified at that level. The nine bands and their descriptive statements are as follows:

- **9 Expert user** Has fully operational command of the language: appropriate, accurate and fluent with complete understanding.
- **8/ery good user** Has fully operational command of the language with only occasional unsystematic inaccuracies and inappropriacies. Misunderstandings may occur in unfamiliar situations. Handles complex detailed argumentation well.
- **7 Good user** Has operational command of the language, though with occasional inaccuracies, inappropriacies and misunderstandings in some situations. Generally handles complex language well and understands detailed reasoning.
- **Competent user** Has generally effective command of the language despite some inaccuracies, inappropriacies and misunderstandings. Can use and understand fairly complex language, particularly in familiar situations.
- Modest user Has partial command of the language, coping with overall meaning in most situations, though is likely to make many mistakes. Should be able to handle basic communication in own field.
- **4 Limited user** Basic competence is limited to familiar situations. Has frequent problems in understanding and expression. Is not able to use complex language.
- **Extremely limited user** Conveys and understands only general meaning in very familiar situations. Frequent breakdowns in communication occur.
- 2 Intermittent user Has great difficulty understanding spoken and written English.
- **Non-user** Essentially has no ability to use the language beyond possibly a few isolated words.
- **0 Did not attempt the test** Did not answer the questions.

MARKING THE PRACTICE TESTS

Listening and Reading

The answer keys are on pages 119 –126. Each question in the Listening and Reading tests is worth one mark.

Questions which require letter / Roman numeral answers

For questions where the answers are letters or Roman numerals, you should write *only* the number of answers required. For example, if the answer is a single letter or numeral, you should write only one answer. If you have written more letters or numerals than are required, the answer must be marked wrong.

Questions which require answers in the form of words or numbers

- · Answers may be written in upper or lower case.
- Words in brackets are *optional* they are correct, but not necessary.
- Alternative answers are separated by a slash (/).

If you are asked to write an answer using a certain number of words and/or (a) number(s), you will be penalised if you exceed this. For example, if a question specifies an answer using NO MORE THAN THREE WORDS and the correct answer is 'black leather coat', the answer 'coat of black leather' is *incorrect*.

- In questions where you are expected to complete a gap, you should only transfer the necessary missing word(s) onto the answer sheet. For example, to complete 'in the ...', where the correct answer is 'morning', the answer 'in the morning' would be *incorrect*.
- All answers require correct spelling (including words in brackets).
- Both US and UK spelling are acceptable and are included in the answer key.
- All standard alternatives for numbers, dates and currencies are acceptable.
- All standard abbreviations are acceptable.
- You will find additional notes about individual answers in the answer key.

Writing

The sample answers are on pages 127–138. It is not possible for you to give yourself a mark for the Writing tasks. We have provided sample answers (written by candidates), showing their score and the examiners' comments. These sample answers will give you an insight into what is required for the Writing test.

HOW SHOULD YOU INTERPRET YOUR SCORES?

At the end of each Listening and Reading answer key you will find a chart which will help you assess whether, on the basis of your Practice Test results, you are ready to take the IELTS test.

In interpreting your score, there are a number of points you should bear in mind. Your performance in the real IELTS test will be reported in two ways: there will be a Band Score from 1 to 9 for each of the components and an Overall Band Score from 1 to 9, which is the average of your scores in the four components. However, institutions considering your application are advised to look at both the Overall Band Score and the Band Score for each component in order to determine whether you have the language skills needed for a particular course of study. For example, if your course involves a lot of reading and writing, but no lectures, listening skills might be less important and a score of 5 in Listening might be acceptable if the Overall Band Score was 7. However, for a course which has lots of lectures and spoken instructions, a score of 5 in Listening might be unacceptable even though the Overall Band Score was 7.

Once you have marked your tests, you should have some idea of whether your listening and reading skills are good enough for you to try the IELTS test. If you did well enough in one component, but not in others, you will have to decide for yourself whether you are ready to take the test.

The Practice Tests have been checked to ensure that they are the same level of difficulty as the real IELTS test. However, we cannot guarantee that your score in the Practice Tests will be reflected in the real IELTS test. The Practice Tests can only give you an idea of your possible future performance and it is ultimately up to you to make decisions based on your score.

Different institutions accept different IELTS scores for different types of courses. We have based our recommendations on the average scores which the majority of institutions accept. The institution to which you are applying may, of course, require a higher or lower score than most other institutions.

Test 1

LISTENING

PART 1 Questions 1–10

Complete the notes below.





Write ONE WORD AND/OR A NUMBER for each answer.

Listeningtest audio

Buckworth Conservation Group

Regular activities

Beach

- making sure the beach does not have 1on it
- no **2**

Nature reserve

- maintaining paths
- nesting boxes for birds installed
- next task is taking action to attract 3to the place
- identifying types of 4
- building a new 5

Forthcoming events

Saturday

- meet at Dunsmore Beach car park
- walk across the sands and reach the 6
- take a picnic
- wear appropriate 7

Woodwork session

- suitable for 8to participate in
- making 9out of wood
- 17th, from 10 a.m. to 3 p.m.
- cost of session (no camping): 10 £

PART 2 Questions 11–20

Questions 11-14

Choose the correct letter, A, B or C.



Boat trip round Tasmania

- 11 What is the maximum number of people who can stand on each side of the boat?
 - **A** 9
 - **B** 15
 - **C** 18
- **12** What colour are the tour boats?
 - A dark red
 - B jet black
 - **C** light green
- 13 Which lunchbox is suitable for someone who doesn't eat meat or fish?
 - A Lunchbox 1
 - B Lunchbox 2
 - C Lunchbox 3
- **14** What should people do with their litter?
 - A take it home
 - **B** hand it to a member of staff
 - **C** put it in the bins provided on the boat

Questions 15 and 16

Choose TWO letters, A-E.

Which TWO features of the lighthouse does Lou mention?

- A why it was built
- **B** who built it
- **C** how long it took to build
- **D** who staffed it
- **E** what it was built with

Questions 17 and 18

Choose TWO letters, A-E.

Which TWO types of creature might come close to the boat?

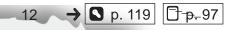
- A sea eagles
- **B** fur seals
- **C** dolphins
- D whales
- **E** penguins

Questions 19 and 20

Choose TWO letters, A-E.

Which **TWO** points does Lou make about the caves?

- **A** Only large tourist boats can visit them.
- **B** The entrances to them are often blocked.
- **C** It is too dangerous for individuals to go near them.
- **D** Someone will explain what is inside them.
- **E** They cannot be reached on foot.



PART 3 Questions 21–30

Questions 21-26

Choose the correct letter, A, B or C.



Work experience for veterinary science students

- 21 What problem did both Diana and Tim have when arranging their work experience?
 - A making initial contact with suitable farms
 - **B** organising transport to and from the farm
 - **C** finding a placement for the required length of time
- 22 Tim was pleased to be able to help
 - A a lamb that had a broken leg.
 - **B** a sheep that was having difficulty giving birth.
 - **C** a newly born lamb that was having trouble feeding.
- 23 Diana says the sheep on her farm
 - A were of various different varieties.
 - **B** were mainly reared for their meat.
 - **C** had better quality wool than sheep on the hills.
- 24 What did the students learn about adding supplements to chicken feed?
 - A These should only be given if specially needed.
 - **B** It is worth paying extra for the most effective ones.
 - **C** The amount given at one time should be limited.
- 25 What happened when Diana was working with dairy cows?
 - A She identified some cows incorrectly.
 - **B** She accidentally threw some milk away.
 - **C** She made a mistake when storing milk.
- **26** What did both farmers mention about vets and farming?
 - A Vets are failing to cope with some aspects of animal health.
 - **B** There needs to be a fundamental change in the training of vets.
 - **C** Some jobs could be done by the farmer rather than by a vet.

Questions 27-30

What opinion do the students give about each of the following modules on their veterinary science course?

Choose **FOUR** answers from the box and write the correct letter, **A–F**, next to questions 27–30.

Opinions

- **A** Tim found this easier than expected.
- **B** Tim thought this was not very clearly organised.
- **C** Diana may do some further study on this.
- **D** They both found the reading required for this was difficult.
- **E** Tim was shocked at something he learned on this module.
- **F** They were both surprised how little is known about some aspects of this.

Modules on Veterinary Science course

27	Medical terminology	
28	Diet and nutrition	
29	Animal disease	
30	Wildlife medication	

14 →	S p	. 119	□ p 98
-			

PART 4 Questions 31–40

Complete the notes below.

Write ONE WORD ONLY for each answer.



Labyrinths

Definition

a winding spiral path leading to a central area

Labyrinths compared with mazes

- Mazes are a type of **31**
 - 32is needed to navigate through a maze
 - the word 'maze' is derived from a word meaning a feeling of
 33
- Labyrinths represent a journey through life
 - they have frequently been used in 34and prayer

Early examples of the labyrinth spiral

- Ancient carvings on 35have been found across many cultures
- The Pima, a Native American tribe, wove the symbol on baskets

Walking labyrinths

• The largest surviving example of a turf labyrinth once had a big **37**at its centre

Labyrinths nowadays

- Believed to have a beneficial impact on mental and physical health, e.g., walking a maze can reduce a person's **38**rate
- Used in medical and health and fitness settings and also prisons
- Popular with patients, visitors and staff in hospitals
 - patients who can't walk can use 'finger labyrinths' made from
 39
 - research has shown that Alzheimer's sufferers experience less 40

READING

READING PASSAGE 1

You should spend about 20 minutes on **Questions 1–13**, which are based on Reading Passage 1 below.

The development of the London underground railway

In the first half of the 1800s, London's population grew at an astonishing rate, and the central area became increasingly congested. In addition, the expansion of the overground railway network resulted in more and more passengers arriving in the capital. However, in 1846, a Royal Commission decided that the railways should not be allowed to enter the City, the capital's historic and business centre. The result was that the overground railway stations formed a ring around the City. The area within consisted of poorly built, overcrowded slums and the streets were full of horse-drawn traffic. Crossing the City became a nightmare. It could take an hour and a half to travel 8 km by horse-drawn carriage or bus. Numerous schemes were proposed to resolve these problems, but few succeeded.

Amongst the most vocal advocates for a solution to London's traffic problems was Charles Pearson, who worked as a solicitor for the City of London. He saw both social and economic advantages in building an underground railway that would link the overground railway stations together and clear London slums at the same time. His idea was to relocate the poor workers who lived in the inner-city slums to newly constructed suburbs, and to provide cheap rail travel for them to get to work. Pearson's ideas gained support amongst some businessmen and in 1851 he submitted a plan to Parliament. It was rejected, but coincided with a proposal from another group for an underground connecting line, which Parliament passed.

The two groups merged and established the Metropolitan Railway Company in August 1854. The company's plan was to construct an underground railway line from the Great Western Railway's (GWR) station at Paddington to the edge of the City at Farringdon Street – a distance of almost 5 km. The organisation had difficulty in raising the funding for such a radical and expensive scheme, not least because of the critical articles printed by the press. Objectors argued that the tunnels would collapse under the weight of traffic overhead, buildings would be shaken and passengers would be poisoned by the emissions from the train engines. However, Pearson and his partners persisted.

The GWR, aware that the new line would finally enable them to run trains into the heart of the City, invested almost £250,000 in the scheme. Eventually, over a five-year period, £1m was raised. The chosen route ran beneath existing main roads to minimise the expense of

demolishing buildings. Originally scheduled to be completed in 21 months, the construction of the underground line took three years. It was built just below street level using a technique known as 'cut and cover'. A trench about ten metres wide and six metres deep was dug, and the sides temporarily held up with timber beams. Brick walls were then constructed, and finally a brick arch was added to create a tunnel. A two-metre-deep layer of soil was laid on top of the tunnel and the road above rebuilt.

The Metropolitan line, which opened on 10 January 1863, was the world's first underground railway. On its first day, almost 40,000 passengers were carried between Paddington and Farringdon, the journey taking about 18 minutes. By the end of the Metropolitan's first year of operation, 9.5 million journeys had been made.

Even as the Metropolitan began operation, the first extensions to the line were being authorised; these were built over the next five years, reaching Moorgate in the east of London and Hammersmith in the west. The original plan was to pull the trains with steam locomotives, using firebricks in the boilers to provide steam, but these engines were never introduced. Instead, the line used specially designed locomotives that were fitted with water tanks in which steam could be condensed. However, smoke and fumes remained a problem, even though ventilation shafts were added to the tunnels.

Despite the extension of the underground railway, by the 1880s, congestion on London's streets had become worse. The problem was partly that the existing underground lines formed a circuit around the centre of London and extended to the suburbs, but did not cross the capital's centre. The 'cut and cover' method of construction was not an option in this part of the capital. The only alternative was to tunnel deep underground.

Although the technology to create these tunnels existed, steam locomotives could not be used in such a confined space. It wasn't until the development of a reliable electric motor, and a means of transferring power from the generator to a moving train, that the world's first deep-level electric railway, the City & South London, became possible. The line opened in 1890, and ran from the City to Stockwell, south of the River Thames. The trains were made up of three carriages and driven by electric engines. The carriages were narrow and had tiny windows just below the roof because it was thought that passengers would not want to look out at the tunnel walls. The line was not without its problems, mainly caused by an unreliable power supply. Although the City & South London Railway was a great technical achievement, it did not make a profit. Then, in 1900, the Central London Railway, known as the 'Tuppenny Tube', began operation using new electric locomotives. It was very popular and soon afterwards new railways and extensions were added to the growing tube network. By 1907, the heart of today's Underground system was in place.

Questions 1-6

Complete the notes below.

Choose ONE WORD ONLY from the passage for each answer.

Write your answers in boxes 1–6 on your answer sheet.

The London underground railway

The problem

- The 1of London increased rapidly between 1800 and 1850
- The streets were full of horse-drawn vehicles

The proposed solution

- Charles Pearson, a solicitor, suggested building an underground railway
- Building the railway would make it possible to move people to better housing in the 2
- A number of 3agreed with Pearson's idea
- The company initially had problems getting the **4**needed for the project
- Negative articles about the project appeared in the **5**

The construction

- The chosen route did not require many buildings to be pulled down
- The 'cut and cover' method was used to construct the tunnels
- With the completion of the brick arch, the tunnel was covered with

Questions 7–13

Do the following statements agree with the information given in Reading Passage 1?

In boxes 7–13 on your answer sheet, write

TRUE if the statement agrees with the information if the statement contradicts the information

NOT GIVEN if there is no information on this

- 7 Other countries had built underground railways before the Metropolitan line opened.
- **8** More people than predicted travelled on the Metropolitan line on the first day.
- **9** The use of ventilation shafts failed to prevent pollution in the tunnels.
- **10** A different approach from the 'cut and cover' technique was required in London's central area.
- 11 The windows on City & South London trains were at eye level.
- 12 The City & South London Railway was a financial success.
- 13 Trains on the 'Tuppenny Tube' nearly always ran on time.

READING PASSAGE 2

You should spend about 20 minutes on **Questions 14–26**, which are based on Reading Passage 2 below.

Stadiums: past, present and future

Stadiums a among the oldest forms of urban architecture: vast stadiums where the public could watch sporting events were at the centre of western city life as far back as the ancient Greek and Roman Empires, well before the construction of the great medieval cathedrals and the grand 19th- and 20th-century railway stations which dominated urban skylines in later eras.

Today, however, stadiums are regarded with growing scepticism. Construction costs can soar above £1 billion, and stadiums finished for major events such as the Olympic Games or the FIFA World Cup have notably fallen into disuse and disrepair.

But this need not be the case. History shows that stadiums can drive urban development and adapt to the culture of every age. Even today, architects and planners are finding new ways to adapt the mono-functional sports arenas which became emblematic of modernisation during the 20th century.

The Imphitheatre* of Arles in southwest France, with a capacity of 25,000 spectators, is perhaps the best example of just how versatile stadiums can be. Built by the Romans in 90 AD, it became a fortress with four towers after the fifth century, and was then transformed into a village containing more than 200 houses. With the growing interest in conservation during the 19th century, it was converted back into an arena for the staging of bullfights, thereby returning the structure to its original use as a venue for public spectacles.

Another example is the imposing arena of Verona in northern Italy, with space for 30,000 spectators, which was built 60 years before the Arles amphitheatre and 40 years before Rome's famous Colosseum. It has endured the centuries and is currently considered one of the world's prime sites for opera, thanks to its outstanding acoustics.

The Gea in the centre of the Italian town of Lucca, known as the Piazza dell'Anfiteatro, is yet another impressive example of an amphitheatre becoming absorbed into the fabric of the city. The site evolved in a similar way to Arles and was progressively filled with buildings from the Middle Ages until the 19th century, variously used as houses, a salt depot and a prison. But rather than reverting to an arena, it became a market square, designed by Romanticist architect Lorenzo Nottolini. Today, the ruins of the amphitheatre remain embedded in the various shops and residences surrounding the public square.

The are many similarities between modern stadiums and the ancient amphitheatres intended for games. But some of the flexibility was lost at the beginning of the 20th century, as stadiums were developed using new products such as steel and reinforced concrete, and made use of bright lights for night-time matches.

^{*} amphitheatre: (especially in Greek and Roman architecture) an open circular or oval building with a central space surrounded by tiers of seats for spectators, for the presentation of dramatic or sporting events

Many such stadiums are situated in suburban areas, designed for sporting use only and surrounded by parking lots. These factors mean that they may not be as accessible to the general public, require more energy to run and contribute to urban heat.

But many objects most innovative architects see scope for the stadium to help improve the city. Among the current strategies, two seem to be having particular success: the stadium as an urban hub, and as a power plant.

There's a growing trend for stadiums to be equipped with public spaces and services that serve a function beyond sport, such as hotels, retail outlets, conference centres, restaurants and bars, children's playgrounds and green space. Creating mixed-use developments such as this reinforces compactness and multi-functionality, making more efficient use of land and helping to regenerate urban spaces.

This opens the space up to families and a wider cross-section of society, instead of catering only to sportspeople and supporters. There have been many examples of this in the UK: the mixed-use facilities at Wembley and Old Trafford have become a blueprint for many other stadiums in the world.

The phenomenon of stadiums as power stations has arisen from the idea that energy problems can be overcome by integrating interconnected buildings by means of a smart grid, which is an electricity supply network that uses digital communications technology to detect and react to local changes in usage, without significant energy losses. Stadiums are ideal for these purposes, because their canopies have a large surface area for fitting photovoltaic panels and rise high enough (more than 40 metres) to make use of micro wind turbines.

Freiburg Mage Solar Stadium in Germany is the first of a new wave of stadiums as power plants, which also includes the Amsterdam Arena and the Kaohsiung Stadium. The latter, inaugurated in 2009, has 8,844 photovoltaic panels producing up to 1.14 GWh of electricity annually. This reduces the annual output of carbon dioxide by 660 tons and supplies up to 80 percent of the surrounding area when the stadium is not in use. This is proof that a stadium can serve its city, and have a decidedly positive impact in terms of reduction of CO emissions.

Sporting arenas have always been central to the life and culture of cities. In every era, the stadium has acquired new value and uses: from military fortress to residential village, public space to theatre and most recently a field for experimentation in advanced engineering. The stadium of today now brings together multiple functions, thus helping cities to create a sustainable future.

Sử dụng cùng Collins Grammar, Collins Vocabulary, 15 Day's Practice for IELTS để có hiệu quả tốt nhất.

TẢI NGAY BỘ SÁCH ĐI KÈM

Questions 14-17

Reading Passage 2 has seven sections, A-G.

Which section contains the following information?

Write the correct letter, **A–G**, in boxes 14–17 on your answer sheet.

- **NB** You may use any letter more than once.
- 14 a mention of negative attitudes towards stadium building projects
- **15** figures demonstrating the environmental benefits of a certain stadium
- 16 examples of the wide range of facilities available at some new stadiums
- 17 reference to the disadvantages of the stadiums built during a certain era

Questions 18-22

Complete the summary below.

Choose ONE WORD ONLY from the passage for each answer.

Write your answers in boxes 18-22 on your answer sheet.

Roman amphitheatres

The Roman stadiums of Europe have proved very versatile. The amphitheatre of
Arles, for example, was converted first into a 18, then into
a residential area and finally into an arena where spectators could watch
19 Meanwhile, the arena in Verona, one of the oldest
Roman amphitheatres, is famous today as a venue where 20
is performed. The site of Lucca's amphitheatre has also been used for many
purposes over the centuries, including the storage of 21
is now a market square with 22 and homes incorporated into
the remains of the Roman amphitheatre.

Questions 23 and 24

Choose TWO letters, A-E.

Write the correct letters in boxes 23 and 24 on your answer sheet.

When comparing twentieth-century stadiums to ancient amphitheatres in Section D, which **TWO** negative features does the writer mention?

- A They are less imaginatively designed.
- **B** They are less spacious.
- **C** They are in less convenient locations.
- **D** They are less versatile.
- **E** They are made of less durable materials.

Questions 25 and 26

Choose TWO letters. A-E.

Write the correct letters in boxes 25 and 26 on your answer sheet.

Which TWO advantages of modern stadium design does the writer mention?

- A offering improved amenities for the enjoyment of sports events
- **B** bringing community life back into the city environment
- **C** facilitating research into solar and wind energy solutions
- **D** enabling local residents to reduce their consumption of electricity
- **E** providing a suitable site for the installation of renewable power generators

READING PASSAGE 3

You should spend about 20 minutes on Questions 27-40, which are based on Reading Passage 3 below.

To catch a king

Anna Keay reviews Charles Spencer's book about the hunt for King Charles II during the English Civil War of the seventeenth century

> Charles Spencer's latest book, To Catch a King, tells us the story of the hunt for King Charles II in the six weeks after his resounding defeat at the Battle of Worcester in September 1651. And what a story it is. After his father the young Charles II sacrificed one of the very principles his father had died for and did a deal with the Scots, thereby accepting arrival in Edinburgh prompted the English Parliamentary army to invade Scotland in a pre-emptive strike. This was followed by a finally faced one another at Worcester in the west of England in 1651. After being outside the city by the Parliamentarian army, of a national manhunt, with a huge sum six weeks he managed, through a series of heart-poundingly close escapes, to evade the Parliamentarians before seeking refuge in and defeated Charles wandered around Europe with only a small group of loyal supporters.

Years later, after his restoration as king, the 50-year-old Charles II requested a meeting

with the writer and diarist Samuel Pepys. His intention when asking Pepys to commit his story to paper was to ensure that this most extraordinary episode was never forgotten. Over two three-hour sittings, the king related was executed by the Parliamentarians in 164th him in great detail his personal recollections of the six weeks he had spent as a fugitive. As the king and secretary settled down (a scene that is surely a gift for a future scriptwriter), Presbyterianism* as the national religion in Charles commenced his story: 'After the battle return for being crowned King of Scots. His was so absolutely lost as to be beyond hope of recovery, I began to think of the best way of saving myself.'

Scottish invasion of England. The two sides One of the joys of Spencer's book, a result not least of its use of Charles II's own narrative as well as those of his supporters, is just how comprehensively defeated on the meadows close the reader gets to the action. The day-byday retelling of the fugitives' doings provides the 21-year-old king found himself the subjectelicious details: the cutting of the king's long hair with agricultural shears, the use of walnut offered for his capture. Over the following leaves to dye his pale skin, and the day Charles spent lying on a branch of the great oak tree in Boscobel Wood as the Parliamentary soldiers scoured the forest floor below. Spencer draws France. For the next nine years, the penniles st both the humour – such as the preposterous refusal of Charles's friend Henry Wilmot to adopt disguise on the grounds that it was beneath his dignity – and the emotional tension when the secret of the king's presence was cautiously revealed to his supporters.

^{*} Presbyterianism: part of the reformed Protestant religion

Charles's adventures after losing the Battle of Worcester hide the uncomfortable truth that whilst almost everyone in England had been appalled by the execution of his father, they had not welcomed the arrival of his son with the Scots army, but had instead firmly bolted their doors. This was partly because he rode at the head of what looked like a foreign invarious books on the subject have done. Indeed, force and partly because, after almost a decade of civil war, people were desperate to avoid Charles II found himself at Worcester in the first it beginning again. This makes it all the more interesting that Charles II himself loved the story so much ever after. As well as retelling it to anyone who would listen, causing eyerolling among courtiers, he set in train a series of initiatives to memorialise it. There was to been a different king had these six weeks never Royal Oak. A series of enormous oil paintings depicting the episode were produced, includinged to assume disguises, to survive on wit and a two-metre-wide canvas of Boscobel Wood and a set of six similarly enormous paintings of the king on the run. In 1660, Charles II commissioned the artist John Michael Wright bedchamber. It is hard to imagine many other escape in the first place.

Charles Spencer is the perfect person to pass the story on to a new generation. His

pacey, readable prose steers deftly clear of modern idioms and elegantly brings to life the details of the great tale. He has even-handed sympathy for both the fugitive king and the fierce republican regime that hunted him, and he succeeds in his desire to explore far more of the background of the story than the opening third of the book is about how place, which for some will be reason alone to read To Catch a King.

The tantalising question left, in the end, is that of what it all meant. Would Charles II have be a new order of chivalry, the Knights of the happened? The days and nights spent in hiding must have affected him in some way. Did the charm alone, to use trickery and subterfuge to escape from tight corners help form him? This is the one area where the book doesn't quite hit the mark. Instead its depiction of Charles II in to paint a flying squadron of cherubs* carrying final years as an ineffective, pleasure-loving an oak tree to the heavens on the ceiling of hismonarch doesn't do justice to the man (neither is it accurate), or to the complexity of his kings marking the lowest point in their life so character. But this one niggle aside, To Catch a enthusiastically, or indeed pulling off such an King is an excellent read, and those who come to it knowing little of the famous tale will find they have a treat in store.

^{*} cherub: an image of angelic children used in paintings

Questions 27-31

Complete the summary using the list of phrases, **A–J**, below.

Write the correct letter, **A–J**, in boxes 27–31 on your answer sheet.

The story behind the hunt for Charles II

A military innovation B large reward C widespread conspiracy

D relative safety **E** new government **F** decisive victory

G political debate H strategic alliance I popular solution

J religious conviction

Questions 32-35

Do the following statements agree with the claims of the writer in Reading Passage 3?

In boxes 32–35 on your answer sheet, write

YES if the statement agrees with the claims of the writer
NO if the statement contradicts the claims of the writer
NOT GIVEN if it is impossible to say what the writer thinks about this

- 32 Charles chose Pepys for the task because he considered him to be trustworthy.
- 33 Charles's personal recollection of the escape lacked sufficient detail.
- **34** Charles indicated to Pepys that he had planned his escape before the battle.
- **35** The inclusion of Charles's account is a positive aspect of the book.

Questions 36-40

Choose the correct letter, A, B, C or D.

Write the correct letter in boxes 36-40 on your answer sheet.

- **36** What is the reviewer's main purpose in the first paragraph?
 - A to describe what happened during the Battle of Worcester
 - B to give an account of the circumstances leading to Charles II's escape
 - **C** to provide details of the Parliamentarians' political views
 - **D** to compare Charles II's beliefs with those of his father
- Why does the reviewer include examples of the fugitives' behaviour in the third paragraph?
 - A to explain how close Charles II came to losing his life
 - **B** to suggest that Charles II's supporters were badly prepared
 - c to illustrate how the events of the six weeks are brought to life
 - **D** to argue that certain aspects are not as well known as they should be
- 38 What point does the reviewer make about Charles II in the fourth paragraph?
 - A He chose to celebrate what was essentially a defeat.
 - **B** He misunderstood the motives of his opponents.
 - **C** He aimed to restore people's faith in the monarchy.
 - **D** He was driven by a desire to be popular.
- **39** What does the reviewer say about Charles Spencer in the fifth paragraph?
 - A His decision to write the book comes as a surprise.
 - **B** He takes an unbiased approach to the subject matter.
 - **C** His descriptions of events would be better if they included more detail.
 - **D** He chooses language that is suitable for a twenty-first-century audience.
- 40 When the reviewer says the book 'doesn't quite hit the mark', she is making the point that
 - **A** it overlooks the impact of events on ordinary people.
 - **B** it lacks an analysis of prevalent views on monarchy.
 - **C** it omits any references to the deceit practised by Charles II during his time in hiding.
 - **D** it fails to address whether Charles II's experiences had a lasting influence on him.

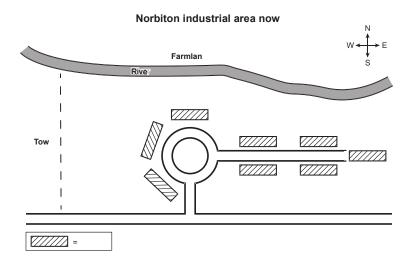
WRITING TASK 1

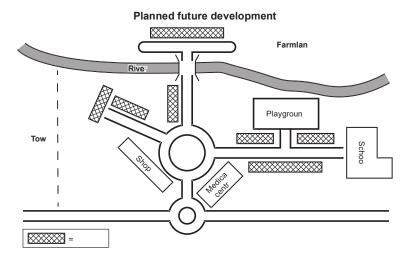
You should spend about 20 minutes on this task.

The maps below show an industrial area in the town of Norbiton, and planned future development of the site.

Summarise the information by selecting and reporting the main features, and make comparisons where relevant.

Write at least 150 words.





WRITING TASK 2

You should spend about 40 minutes on this task.

Write about the following topic:

It is important for people to take risks, both in their professional lives and their personal lives.

Do you think the advantages of taking risks outweigh the disadvantages?

Give reasons for your answer and include any relevant examples from your own knowledge or experience.

Write at least 250 words.

SPEAKING

PART 1

The examiner asks you about yourself, your home, work or studies and other familiar topics.



EXAMPLE

History

- What did you study in history lessons when you were at school?
- Did you enjoy studying history at school? [Why/Why not?]
- How often do you watch TV programmes about history now? [Why/Why not?]
- What period in history would you like to learn more about? [Why?]

PART 2

Describe the neighbourhood you lived in when you were a child.

You should say:

where in your town/city the neighbourhood was what kind of people lived there what it was like to live in this neighbourhood

and explain whether you would like to live in this neighbourhood in the future.

You will have to talk about the topic for one to two minutes. You have one minute to think about what you are going to say. You can make some notes to help you if you wish.

PART 3

Discussion topics:

Neighbours

Example questions:

What sort of things can neighbours do to help each other? How well do people generally know their neighbours in your country? How important do you think it is to have good neighbours?

Facilities in cities

Example questions:

Which facilities are most important to people living in cities?

How does shopping in small local shops differ from shopping in large city centre shops? Do you think that children should always go to the school nearest to where they live?

Test 2

LISTENING

PART 1 Questions 1–10

Questions 1–7

Complete the notes below.

Write ONE WORD ONLY for each answer.



Opportunities for voluntary work in Southoe village

Library

- Help with 1books (times to be arranged)
- Help needed to keep 2of books up to date
- Library is in the 3Room in the village hall

Lunch club

- Help by providing 4
- Help with hobbies such as 5

Help for individuals needed next week

- Taking Mrs Carroll to 6
- Work in the 7at Mr Selsbury's house

Questions 8-10

Complete the table below.

Write ONE WORD ONLY for each answer.

Village social events			
Date	Date Event Location Help needed		
19 Oct	8	Village hall	providing refreshments
18 Nov	dance	Village hall	checking 9
31 Dec	New Year's Eve party	Mountfort Hotel	designing the 10

PART 2 Questions 11–20

Questions 11–14

Choose the correct letter, A, B or C.



Oniton Hall

- 11 Many past owners made changes to
 - **A** the gardens.
 - **B** the house.
 - **C** the farm.
- 12 Sir Edward Downes built Oniton Hall because he wanted
 - **A** a place for discussing politics.
 - **B** a place to display his wealth.
 - **C** a place for artists and writers.
- 13 Visitors can learn about the work of servants in the past from
 - A audio guides.
 - **B** photographs.
 - **C** people in costume.
- 14 What is new for children at Oniton Hall?
 - A clothes for dressing up
 - **B** mini tractors
 - C the adventure playground

Questions 15-20

Which activity is offered at each of the following locations on the farm?

Choose **SIX** answers from the box and write the correct letter, **A–H**, next to Questions 15–20.

Activities

- **A** shopping
- **B** watching cows being milked
- **C** seeing old farming equipment
- **D** eating and drinking
- **E** starting a trip
- **F** seeing rare breeds of animals
- **G** helping to look after animals
- **H** using farming tools

Locations on the farm

15	dairy	
16	large barn	
17	small barn	
18	stables	
19	shed	
20	parkland	

PART 3 Questions 21–30

Questions 21 and 22

Choose TWO letters, A-E.



Which **TWO** things do the students agree they need to include in their reviews of *Romeo and Juliet?*

- **A** analysis of the text
- **B** a summary of the plot
- **C** a description of the theatre
- **D** a personal reaction
- **E** a reference to particular scenes

Questions 23-27

Which opinion do the speakers give about each of the following aspects of The Emporium's production of *Romeo and Juliet*?

Choose **FIVE** answers from the box and write the correct letter, **A–G**, next to Questions 23–27.

Opinions

- **A** They both expected this to be more traditional.
- **B** They both thought this was original.
- **C** They agree this created the right atmosphere.
- **D** They agree this was a major strength.
- **E** They were both disappointed by this.
- **F** They disagree about why this was an issue.
- **G** They disagree about how this could be improved.

Aspects of the production

23	the set	
24	the lighting	
25	the costume design	
26	the music	
27	the actors' delivery	

Questions 28-30

Choose the correct letter, A, B or C.

- 28 The students think the story of *Romeo and Juliet* is still relevant for young people today because
 - A it illustrates how easily conflict can start.
 - **B** it deals with problems that families experience.
 - **C** it teaches them about relationships.
- 29 The students found watching Romeo and Juliet in another language
 - **A** frustrating.
 - **B** demanding.
 - **C** moving.
- 30 Why do the students think Shakespeare's plays have such international appeal?
 - A The stories are exciting.
 - **B** There are recognisable characters.
 - **C** They can be interpreted in many ways.

PART 4 Questions 31–40

Complete the notes below.

Write ONE WORD AND/OR A NUMBER for each answer.



The impact of digital technology on the Icelandic language

The	lcelandic language
•	has approximately 31speakers
•	has a 32 that is still growing
•	has not changed a lot over the last thousand years
•	has its own words for computer-based concepts, such as web browser and 33
Υοι	ing speakers
•	are big users of digital technology, such as 34
•	are becoming 35 very quickly
•	are having discussions using only English while they are in the 36at school
•	are better able to identify the content of a 37 in English than Icelandic
Tec	hnology and internet companies
•	write very little in Icelandic because of the small number of speakers and because of how complicated its 38 is
The	e Icelandic government
•	has set up a fund to support the production of more digital content in the language

is worried that young Icelanders may lose their 39.....as Icelanders

is worried about the consequences of children not being 40

Sử dụng cùng Collins Grammar, Collins Vocabulary, 15 Day's Practice for IELTS để có hiệu quả tốt nhất.

believes that Icelandic has a secure future

in either Icelandic or English

READING

READING PASSAGE 1

You should spend about 20 minutes on **Questions 1–13**, which are based on Reading Passage 1 below.

The Dead Sea Scrolls

In late 1946 or early 1947, three Bedouin teenagers were tending their goats and sheep near the ancient settlement of Qumran, located on the northwest shore of the Dead Sea in what is now known as the West Bank. One of these young shepherds tossed a rock into an opening on the side of a cliff and was surprised to hear a shattering sound. He and his companions later entered the cave and stumbled across a collection of large clay jars, seven of which contained scrolls with writing on them. The teenagers took the seven scrolls to a nearby town where they were sold for a small sum to a local antiquities dealer. Word of the find spread, and Bedouins and archaeologists eventually unearthed tens of thousands of additional scroll fragments from 10 nearby caves; together they make up between 800 and 900 manuscripts. It soon became clear that this was one of the greatest archaeological discoveries ever made.

The origin of the Dead Sea Scrolls, which were written around 2,000 years ago between 150 BCE and 70 CE, is still the subject of scholarly debate even today. According to the prevailing theory, they are the work of a population that inhabited the area until Roman troops destroyed the settlement around 70 CE. The area was known as Judea at that time, and the people are thought to have belonged to a group called the Essenes, a devout Jewish sect.

The majority of the texts on the Dead Sea Scrolls are in Hebrew, with some fragments written in an ancient version of its alphabet thought to have fallen out of use in the fifth century BCE. But there are other languages as well. Some scrolls are in Aramaic, the language spoken by many inhabitants of the region from the sixth century BCE to the siege of Jerusalem in 70 CE. In addition, several texts feature translations of the Hebrew Bible into Greek.

The Dead Sea Scrolls include fragments from every book of the Old Testament of the Bible except for the Book of Esther. The only entire book of the Hebrew Bible preserved among the manuscripts from Qumran is Isaiah; this copy, dated to the first century BCE, is considered the earliest biblical manuscript still in existence. Along with biblical texts, the scrolls include documents about sectarian regulations and religious writings that do not appear in the Old Testament.

The writing on the Dead Sea Scrolls is mostly in black or occasionally red ink, and the scrolls themselves are nearly all made of either parchment (animal skin) or an early form of paper called 'papyrus'. The only exception is the scroll numbered 3Q15, which was created out of a combination of copper and tin. Known as the Copper Scroll, this curious document features letters chiselled onto metal – perhaps, as some have theorized, to better withstand the passage of time. One of the most intriguing manuscripts from Qumran, this is a sort of ancient treasure map that lists dozens of gold and silver caches. Using an unconventional vocabulary and odd spelling, it describes 64 underground hiding places that supposedly contain riches buried for safekeeping. None of these hoards have been recovered, possibly because the Romans pillaged Judea during the first century CE. According to various hypotheses, the treasure belonged to local people, or was rescued from the Second Temple before its destruction or never existed to begin with.

Some of the Dead Sea Scrolls have been on interesting journeys. In 1948, a Syrian Orthodox archbishop known as Mar Samuel acquired four of the original seven scrolls from a Jerusalem shoemaker and part-time antiquity dealer, paying less than \$100 for them. He then travelled to the United States and unsuccessfully offered them to a number of universities, including Yale. Finally, in 1954, he placed an advertisement in the business newspaper *The Wall Street Journal* – under the category 'Miscellaneous Items for Sale' – that read: 'Biblical Manuscripts dating back to at least 200 B.C. are for sale. This would be an ideal gift to an educational or religious institution by an individual or group.' Fortunately, Israeli archaeologist and statesman Yigael Yadin negotiated their purchase and brought the scrolls back to Jerusalem, where they remain to this day.

In 2017, researchers from the University of Haifa restored and deciphered one of the last untranslated scrolls. The university's Eshbal Ratson and Jonathan Ben-Dov spent one year reassembling the 60 fragments that make up the scroll. Deciphered from a band of coded text on parchment, the find provides insight into the community of people who wrote it and the 364-day calendar they would have used. The scroll names celebrations that indicate shifts in seasons and details two yearly religious events known from another Dead Sea Scroll. Only one more known scroll remains untranslated.

Questions 1-5

Complete the notes below.

Choose ONE WORD ONLY from the passage for each answer.

Write your answers in boxes 1–5 on your answer sheet.

The Dead Sea Scrolls

Discovery

Qumran, 1946/7

- three Bedouin shepherds in their teens were near an opening on side of cliff
- heard a noise of breaking when one teenager threw a 1
- teenagers went into the 2and found a number of containers made of 3

The scrolls

- date from between 150 BCE and 70 CE
- thought to have been written by group of people known as the
 4
- written mainly in the 5language
- most are on religious topics, written using ink on parchment or papyrus

Questions 6–13

Do the following statements agree with the information given in Reading Passage 1?

In boxes 6–13 on your answer sheet, write

TRUE if the statement agrees with the information if the statement contradicts the information **NOT GIVEN** if there is no information on this

- The Bedouin teenagers who found the scrolls were disappointed by how little money they received for them.
- 7 There is agreement among academics about the origin of the Dead Sea Scrolls.
- 8 Most of the books of the Bible written on the scrolls are incomplete.
- **9** The information on the Copper Scroll is written in an unusual way.
- **10** Mar Samuel was given some of the scrolls as a gift.
- 11 In the early 1950s, a number of educational establishments in the US were keen to buy scrolls from Mar Samuel.
- 12 The scroll that was pieced together in 2017 contains information about annual occasions in the Qumran area 2,000 years ago.
- **13** Academics at the University of Haifa are currently researching how to decipher the final scroll.

READING PASSAGE 2

You should spend about 20 minutes on **Questions 14–26**, which are based on Reading Passage 2 below.

A second attempt at domesticating the tomato

A It took at least 3,000 years for humans to learn how to domesticate the wild tomato and cultivate it for food. Now two separate teams in Brazil and China have done it all over again in less than three years. And they have done it better in some ways, as the re-domesticated tomatoes are more nutritious than the ones we eat at present.

This approach relies on the revolutionary CRISPR genome editing technique, in which changes are deliberately made to the DNA of a living cell, allowing genetic material to be added, removed or altered. The technique could not only improve existing crops, but could also be used to turn thousands of wild plants into useful and appealing foods. In fact, a third team in the US has already begun to do this with a relative of the tomato called the groundcherry.

This fast-track domestication could help make the world's food supply healthier and far more resistant to diseases, such as the rust fungus devastating wheat crops.

'This could transform what we eat,' says Jorg Kudla at the University of Munster in Germany, a member of the Brazilian team. 'There are 50,000 edible plants in the world, but 90 percent of our energy comes from just 15 crops.'

'We can now mimic the known domestication course of major crops like rice, maize, sorghum or others,' says Caixia Gao of the Chinese Academy of Sciences in Beijing. 'Then we might try to domesticate plants that have never been domesticated.'

B Wild tomatoes, which are native to the Andes region in South America, produce pea-sized fruits. Over many generations, peoples such as the Aztecs and Incas transformed the plant by selecting and breeding plants with mutations* in their genetic structure, which resulted in desirable traits such as larger fruit.

But every time a single plant with a mutation is taken from a larger population for breeding, much genetic diversity is lost. And sometimes the desirable mutations come with less desirable traits. For instance, the tomato strains grown for supermarkets have lost much of their flavour.

By comparing the genomes of modern plants to those of their wild relatives, biologists have been working out what genetic changes occurred as plants were domesticated. The teams in Brazil and China have now used this knowledge to reintroduce these changes from scratch while maintaining or even enhancing the desirable traits of wild strains.

^{*} mutations: changes in an organism's genetic structure that can be passed down to later generations

C Kudla's team made six changes altogether. For instance, they tripled the size of fruit by editing a gene called FRUIT WEIGHT, and increased the number of tomatoes per truss by editing another called MULTIFLORA.

While the historical domestication of tomatoes reduced levels of the red pigment lycopene – thought to have potential health benefits – the team in Brazil managed to boost it instead. The wild tomato has twice as much lycopene as cultivated ones; the newly domesticated one has five times as much.

'They are quite tasty,' says Kudla. 'A little bit strong. And very aromatic.'

The team in China re-domesticated several strains of wild tomatoes with desirable traits lost in domesticated tomatoes. In this way they managed to create a strain resistant to a common disease called bacterial spot race, which can devastate yields. They also created another strain that is more salt tolerant – and has higher levels of vitamin C.

D Meanwhile, Joyce Van Eck at the Boyce Thompson Institute in New York state decided to use the same approach to domesticate the groundcherry or goldenberry (*Physalis pruinosa*) for the first time. This fruit looks similar to the closely related Cape gooseberry (*Physalis peruviana*).

Groundcherries are already sold to a limited extent in the US but they are hard to produce because the plant has a sprawling growth habit and the small fruits fall off the branches when ripe. Van Eck's team has edited the plants to increase fruit size, make their growth more compact and to stop fruits dropping. 'There's potential for this to be a commercial crop,' says Van Eck. But she adds that taking the work further would be expensive because of the need to pay for a licence for the CRISPR technology and get regulatory approval.

E This approach could boost the use of many obscure plants, says Jonathan Jones of the Sainsbury Lab in the UK. But it will be hard for new foods to grow so popular with farmers and consumers that they become new staple crops, he thinks.

The three teams already have their eye on other plants that could be 'catapulted into the mainstream', including foxtail, oat-grass and cowpea. By choosing wild plants that are drought or heat tolerant, says Gao, we could create crops that will thrive even as the planet warms.

But Kudla didn't want to reveal which species were in his team's sights, because CRISPR has made the process so easy. 'Any one with the right skills could go to their lab and do this.'

Questions 14-18

Reading Passage 2 has five sections, **A–E**.

Which section contains the following information?

Write the correct letter, **A–E**, in boxes 14–18 on your answer sheet.

- **NB** You may use any letter more than once.
- **14** a reference to a type of tomato that can resist a dangerous infection
- an explanation of how problems can arise from focusing only on a certain type of tomato plant.
- 16 a number of examples of plants that are not cultivated at present but could be useful as food sources
- 17 a comparison between the early domestication of the tomato and more recent research
- 18 a personal reaction to the flavour of a tomato that has been genetically edited

Questions 19-23

Look at the following statements (Questions 19–23) and the list of researchers below.

Match each statement with the correct researcher, A-D.

Write the correct letter, **A–D**, in boxes 19–23 on your answer sheet.

- **NB** You may use any letter more than once.
- **19** Domestication of certain plants could allow them to adapt to future environmental challenges.
- 20 The idea of growing and eating unusual plants may not be accepted on a large scale.
- 21 It is not advisable for the future direction of certain research to be made public.
- 22 Present efforts to domesticate one wild fruit are limited by the costs involved.
- 23 Humans only make use of a small proportion of the plant food available on Earth.

List of Researchers

- A Jorg Kudla
- **B** Caixia Gao
- C Joyce Van Eck
- D longthan long

Questions 24-26

Complete the sentences below.

Choose ONE WORD ONLY from the passage for each answer.

Write your answers in boxes 24-26 on your answer sheet.

- 24 An undesirable trait such as loss ofmay be caused by a mutation in a tomato gene.
- 25 By modifying one gene in a tomato plant, researchers made the tomato three times its original
- 26 A type of tomato which was not badly affected by, and was rich in vitamin C, was produced by a team of researchers in China.

READING PASSAGE 3

You should spend about 20 minutes on **Questions 27–40**, which are based on Reading Passage 3 below.

Insight or evolution?

Two scientists consider the origins of discoveries and other innovative behavior

Scientific discovery is popularly believed to result from the sheer genius of such intellectual stars as naturalist Charles Darwin and theoretical physicist Albert Einstein. Our view of such unique contributions to science often disregards the person's prior experience and the efforts of their lesser-known predecessors. Conventional wisdom also places great weight on insight in promoting breakthrough scientific achievements, as if ideas spontaneously pop into someone's head – fully formed and functional.

There may be some limited truth to this view. However, we believe that it largely misrepresents the real nature of scientific discovery, as well as that of creativity and innovation in many other realms of human endeavor.

Setting aside such greats as Darwin and Einstein – whose monumental contributions are duly celebrated – we suggest that innovation is more a process of trial and error, where two steps forward may sometimes come with one step back, as well as one or more steps to the right or left. This evolutionary view of human innovation undermines the notion of creative genius and recognizes the cumulative nature of scientific progress.

Consider one unheralded scientist: John Nicholson, a mathematical physicist working in the 1910s who postulated the existence of 'proto-elements' in outer space. By combining different numbers of weights of these proto-elements' atoms, Nicholson could recover the weights of all the elements in the then-known periodic table. These successes are all the more noteworthy given the fact that Nicholson was wrong about the presence of proto-elements: they do not actually exist. Yet, amid his often fanciful theories and wild speculations, Nicholson also proposed a novel theory about the structure of atoms. Niels Bohr, the Nobel prize-winning father of modern atomic theory, jumped off from this interesting idea to conceive his now-famous model of the atom.

What are we to make of this story? One might simply conclude that science is a collective and cumulative enterprise. That may be true, but there may be a deeper insight to be gleaned. We propose that science is constantly evolving, much as species of animals do. In biological systems, organisms may display new characteristics that result from random genetic mutations. In the same way, random, arbitrary or accidental mutations of ideas may help pave the way for advances in science. If mutations prove beneficial, then the animal or the scientific theory will continue to thrive and perhaps reproduce.

Support for this evolutionary view of behavioral innovation comes from many domains. Consider one example of an influential innovation in US horseracing. The so-called 'acey-deucy' stirrup placement, in which the rider's foot in his left stirrup is placed as much as 25 centimeters lower than the right, is believed to confer important speed advantages when turning on oval tracks. It was developed by a relatively unknown jockey named Jackie Westrope. Had Westrope conducted methodical investigations or examined extensive film records in a shrewd plan to outrun his rivals? Had he foreseen the speed advantage that would be conferred by riding acey-deucy? No. He suffered a leg injury, which left him unable to fully bend his left knee. His modification just happened to coincide with enhanced left-hand turning performance. This led to the rapid and widespread adoption of riding acey-deucy by many riders, a racing style which continues in today's thoroughbred racing.

Plenty of other stories show that fresh advances can arise from error, misadventure, and also pure serendipity – a happy accident. For example, in the early 1970s, two employees of the company 3M each had a problem: Spencer Silver had a product – a glue which was only slightly sticky – and no use for it, while his colleague Art Fry was trying to figure out how to affix temporary bookmarks in his hymn book without damaging its pages. The solution to both these problems was the invention of the brilliantly simple yet phenomenally successful Post-It note. Such examples give lie to the claim that ingenious, designing minds are responsible for human creativity and invention. Far more banal and mechanical forces may be at work; forces that are fundamentally connected to the laws of science.

The notions of insight, creativity and genius are often invoked, but they remain vague and of doubtful scientific utility, especially when one considers the diverse and enduring contributions of individuals such as Plato, Leonardo da Vinci, Shakespeare, Beethoven, Galileo, Newton, Kepler, Curie, Pasteur and Edison. These notions merely label rather than explain the evolution of human innovations. We need another approach, and there is a promising candidate.

The Law of Effect was advanced by psychologist Edward Thorndike in 1898, some 40 years after Charles Darwin published his groundbreaking work on biological evolution, *On the Origin of Species*. This simple law holds that organisms tend to repeat successful behaviors and to refrain from performing unsuccessful ones. Just like Darwin's Law of Natural Selection, the Law of Effect involves an entirely mechanical process of variation and selection, without any end objective in sight.

Of course, the origin of human innovation demands much further study. In particular, the provenance of the raw material on which the Law of Effect operates is not as clearly known as that of the genetic mutations on which the Law of Natural Selection operates. The generation of novel ideas and behaviors may not be entirely random, but constrained by prior successes and failures – of the current individual (such as Bohr) or of predecessors (such as Nicholson).

The time seems right for abandoning the naive notions of intelligent design and genius, and for scientifically exploring the true origins of creative behavior.

Questions 27-31

Choose the correct letter, A, B, C or D.

Write the correct letter in boxes 27-31 on your answer sheet.

- 27 The purpose of the first paragraph is to
 - A defend particular ideas.
 - B compare certain beliefs.
 - C disprove a widely held view.
 - **D** outline a common assumption.
- 28 What are the writers doing in the second paragraph?
 - A criticising an opinion
 - **B** justifying a standpoint
 - C explaining an approach
 - **D** supporting an argument
- 29 In the third paragraph, what do the writers suggest about Darwin and Einstein?
 - A They represent an exception to a general rule.
 - **B** Their way of working has been misunderstood.
 - **C** They are an ideal which others should aspire to.
 - **D** Their achievements deserve greater recognition.
- 30 John Nicholson is an example of a person whose idea
 - A established his reputation as an influential scientist.
 - **B** was only fully understood at a later point in history.
 - **C** laid the foundations for someone else's breakthrough.
 - **D** initially met with scepticism from the scientific community.
- 31 What is the key point of interest about the 'acey-deucy' stirrup placement?
 - A the simple reason why it was invented
 - **B** the enthusiasm with which it was adopted
 - **C** the research that went into its development
 - **D** the cleverness of the person who first used it

Questions 32–36

Do the following statements agree with the claims of the writer in Reading Passage 3?

In boxes 32–36 on your answer sheet, write

YES if the statement agrees with the claims of the writer

NO if the statement contradicts the claims of the writer

NOT GIVEN if it is impossible to say what the writer thinks about this

- Acknowledging people such as Plato or da Vinci as geniuses will help us understand the process by which great minds create new ideas.
- 33 The Law of Effect was discovered at a time when psychologists were seeking a scientific reason why creativity occurs.
- **34** The Law of Effect states that no planning is involved in the behaviour of organisms.
- 35 The Law of Effect sets out clear explanations about the sources of new ideas and behaviours.
- 36 Many scientists are now turning away from the notion of intelligent design and genius.

Questions 37-40

Complete the summary using the list of words, A-G, below.

Write the correct letter, **A–G**, in boxes 37–40 on your answer sheet.

The origins of creative behaviour

AinventionBgoalsCcompromiseDmistakesEluckFinspirationGexperiments

WRITING

WRITING TASK 1

You should spend about 20 minutes on this task.

The table and charts below give information on the police budget for 2017 and 2018 in one area of Britain. The table shows where the money came from and the charts show how it was distributed.

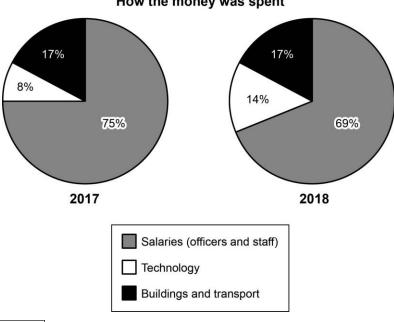
Summarise the information by selecting and reporting the main features, and make comparisons where relevant.

Write at least 150 words.

Police Budget 2017–2018 (in £m)

Sources	2017	2018
National Government	175.5m	177.8m
Local Taxes	91.2m	102.3m
Other sources (eg grants)	38m	38.5m
Total	304.7m	318.6m

How the money was spent



WRITING TASK 2

You should spend about 40 minutes on this task.

Write about the following topic:

Some children spend hours every day on their smartphones.

Why is this the case? Do you think this is a positive or a negative development?

Give reasons for your answer and include any relevant examples from your own knowledge or experience.

Write at least 250 words.

SPEAKING

PART 1

The examiner asks you about yourself, your home, work or studies and other familiar topics.

EXAMPLE

Reading

- Did you have a favourite book when you were a child? [Why/Why not?]
- How much reading do you do for your work/studies? [Why/Why not?]
- What kinds of books do you read for pleasure? [Why/Why not?]
- Do you prefer to read a newspaper or a magazine online, or to buy a copy? [Why?]

PART 2

Describe a big city you would like to visit.

You should say:

which big city you would like to visit how you would travel there what you would do there

and explain why you would like to visit this big city.

You will have to talk about the topic for one to two minutes. You have one minute to think about what you are going to say. You can make some notes to help you if you wish.

PART 3

Discussion topics:

Visiting cities on holiday

Example questions:

What are the most interesting things to do while visiting cities on holiday? Why can it be expensive to visit cities on holiday? Do you think it is better to visit cities alone or in a group with friends?

The growth of cities

Example questions:

Why have cities increased in size in recent years?
What are the challenges created by ever-growing cities?
In what ways do you think cities of the future will be different to cities today?

Test 3

LISTENING

PART 1 Questions 1–10

Complete the notes below.

Write ONE WORD AND/OR A NUMBER for each answer.



Advice on surfing holidays

Jack's advice

- Recommends surfing for 1holidays in the summer
- Need to be quite 2

Irish surfing locations

- County Clare
 - Lahinch has some good quality 3and surf schools
 - There are famous cliffs nearby
- County Mayo
 - Good surf school at 4beach
 - Surf camp lasts for one 5
 - Can also explore the local 6by kayak

Weather

- Best month to go: 7
- Average temperature in summer: approx. 8degrees

Costs

- Equipment
 - Wetsuit and surfboard: 9euros per day
 - Also advisable to hire **10**for warmth

PART 2 Questions 11–20

Questions 11 and 12

Choose TWO letters, A-E.



Which **TWO** facts are given about the school's extended hours childcare service?

- A It started recently.
- **B** More children attend after school than before school.
- **C** An average of 50 children attend in the mornings.
- **D** A child cannot attend both the before and after school sessions.
- E The maximum number of children who can attend is 70.

Questions 13-15

Choose the correct letter, A, B or C.

- 13 How much does childcare cost for a complete afternoon session per child?
 - **A** £3.50
 - **B** £5.70
 - **C** £7.20
- 14 What does the manager say about food?
 - A Children with allergies should bring their own food.
 - **B** Children may bring healthy snacks with them.
 - **C** Children are given a proper meal at 5 p.m.
- 15 What is different about arrangements in the school holidays?
 - A Children from other schools can attend.
 - **B** Older children can attend.
 - **C** A greater number of children can attend.

Questions 16–20

What information is given about each of the following activities on offer?

Choose **FIVE** answers from the box and write the correct letter, **A–G**, next to Questions 16–20.

Information

- A has limited availability
- **B** is no longer available
- C is for over 8s only
- **D** requires help from parents
- E involves an additional fee
- **F** is a new activity
- **G** was requested by children

Activities

16	Spanish	
17	Music	
18	Painting	
19	Yoga	
20	Cooking	

PART 3 Questions 21–30

Questions 21-24

Choose the correct letter, A, B or C.



Holly's Work Placement Tutorial

- 21 Holly has chosen the Orion Stadium placement because
 - A it involves children.
 - **B** it is outdoors.
 - C it sounds like fun.
- 22 Which aspect of safety does Dr Green emphasise most?
 - A ensuring children stay in the stadium
 - B checking the equipment children will use
 - **C** removing obstacles in changing rooms
- 23 What does Dr Green say about the spectators?
 - A They can be hard to manage.
 - **B** They make useful volunteers.
 - **C** They shouldn't take photographs.
- 24 What has affected the schedule in the past?
 - A bad weather
 - **B** an injury
 - C extra time

Questions 25-30

What do Holly and her tutor agree is an important aspect of each of the following events management skills?

Choose **SIX** answers from the box and write the correct letter, **A–H**, next to Questions 25–30.

Important aspects

- A being flexible
- **B** focusing on details
- **C** having a smart appearance
- **D** hiding your emotions
- **E** relying on experts
- **F** trusting your own views
- **G** doing one thing at a time
- **H** thinking of the future

Events management skills

25	Communication	
26	Organisation	
27	Time management	
28	Creativity	
29	Leadership	
30	Networking	

PART 4 Questions 31–40

Complete the notes below.

Write ONE WORD ONLY for each answer.



Bird Migration Theory

Most birds are believed to migrate seasonally.

Hibernation theory

- It was believed that birds hibernated underwater or buried themselves in **31**
- This theory was later disproved by experiments on caged birds.

Transmutation theory

- Aristotle believed birds changed from one species into another in summer and winter
 - In autumn he observed that redstarts experience the loss of
 32and thought they then turned into robins.
 - Aristotle's assumptions were logical because the two species of birds had a similar 33

17th century

Charles Morton popularised the idea that birds fly to the **34**
in winter.

Scientific developments

- In 1822, a stork was killed in Germany which had an African spear in its **35**
 - previously there had been no **36**that storks migrate to Africa
- Little was known about the **37**and journeys of migrating birds until the practice of ringing was established.
 - It was thought large birds carried small birds on some journeys because they were considered incapable of travelling across huge 38
 - Ringing depended on what is called the **39** '' of dead birds.
- In 1931, the first **40**to show the migration of European birds was printed.



READING

READING PASSAGE 1

You should spend about 20 minutes on **Questions 1–13**, which are based on Reading Passage 1 below.

The thylacine

The extinct thylacine, also known as the Tasmanian tiger, was a marsupial* that bore a superficial resemblance to a dog. Its most distinguishing feature was the 13–19 dark brown stripes over its back, beginning at the rear of the body and extending onto the tail. The thylacine's average noseto-tail length for adult males was 162.6 cm, compared to 153.7 cm for females.

The thylacine appeared to occupy most types of terrain except dense rainforest, with open eucalyptus forest thought to be its prime habitat. In terms of feeding, it was exclusively carnivorous, and its stomach was muscular with an ability to distend so that it could eat large amounts of food at one time, probably an adaptation to compensate for long periods when hunting was unsuccessful and food scarce. The thylacine was not a fast runner and probably caught its prey by exhausting it during a long pursuit. During long-distance chases, thylacines were likely to have relied more on scent than any other sense. They emerged to hunt during the evening, night and early morning and tended to retreat to the hills and forest for shelter during the day. Despite the common name 'tiger', the thylacine had a shy, nervous temperament. Although mainly nocturnal, it was sighted moving during the day and some individuals were even recorded basking in the sun.

The thylacine had an extended breeding season from winter to spring, with indications that some breeding took place throughout the year. The thylacine, like all marsupials, was tiny and hairless when born. Newborns crawled into the pouch on the belly of their mother, and attached themselves to one of the four teats, remaining there for up to three months. When old enough to leave the pouch, the young stayed in a lair such as a deep rocky cave, well-hidden nest or hollow log, whilst the mother hunted.

Approximately 4,000 years ago, the thylacine was widespread throughout New Guinea and most of mainland Australia, as well as the island of Tasmania. The most recent, well-dated occurrence of a thylacine on the mainland is a carbon-dated fossil from Murray Cave in Western Australia, which is around 3,100 years old. Its extinction coincided closely with the arrival of wild dogs called dingoes in Australia and a similar predator in New Guinea. Dingoes never reached Tasmania, and most scientists see this as the main reason for the thylacine's survival there.

^{*}marsupial: a mammal, such as a kangaroo, whose young are born incompletely developed and are typically carried and suckled in a pouch on the mother's belly

The dramatic decline of the thylacine in Tasmania, which began in the 1830s and continued for a century, is generally attributed to the relentless efforts of sheep farmers and bounty hunters with shotguns. While this determined campaign undoubtedly played a large part, it is likely that various other factors also contributed to the decline and eventual extinction of the species. These include competition with wild dogs introduced by European settlers, loss of habitat along with the disappearance of prey species, and a distemper-like disease which may also have affected the thylacine.

There was only one successful attempt to breed a thylacine in captivity, at Melbourne Zoo in 1899. This was despite the large numbers that went through some zoos, particularly London Zoo and Tasmania's Hobart Zoo. The famous naturalist John Gould foresaw the thylacine's demise when he published his *Mammals of Austheliw*een 1848 and 1863, writing, 'The numbers of this singular animal will speedily diminish, extermination will have its full sway, and it will then, like the wolf of England and Scotland, be recorded as an animal of the past.'

However, there seems to have been little public pressure to preserve the thylacine, nor was much concern expressed by scientists at the decline of this species in the decades that followed. A notable exception was T.T. Flynn, Professor of Biology at the University of Tasmania. In 1914, he was sufficiently concerned about the scarcity of the thylacine to suggest that some should be captured and placed on a small island. But it was not until 1929, with the species on the very edge of extinction, that Tasmania's Animals and Birds Protection Board passed a motion protecting thylacines only for the month of December, which was thought to be their prime breeding season.

The last known wild thylacine to be killed was shot by a farmer in the north-east of Tasmania in 1930, leaving just captive specimens. Official protection of the species by the Tasmanian government was introduced in July 1936, 59 days before the last known individual died in Hobart Zoo on 7th September, 1936.

There have been numerous expeditions and searches for the thylacine over the years, none of which has produced definitive evidence that thylacines still exist. The species was declared extinct by the Tasmanian government in 1986.

 $^{^{\}star\star}$ bounty hunters: people who are paid a reward for killing a wild animal

Questions 1-5

Complete the notes below.

Choose **ONE WORD ONLY** from the passage for each answer.

Write your answers in boxes 1–5 on your answer sheet.

The thylacine

Appearance and behaviour

- looked rather like a dog
- had a series of stripes along its body and tail
- ate an entirely 1diet
- probably depended mainly on 2when hunting
- young spent first months of life inside its mother's 3

Decline and extinction

- last evidence in mainland Australia is a 3,100-year-old 4
- probably went extinct in mainland Australia due to animals known as dingoes
- reduction in **5**and available sources of food were partly responsible for decline in Tasmania

Questions 6–13

Do the following statements agree with the information given in Reading Passage 1?

In boxes 6–13 on your answer sheet, write

TRUE if the statement agrees with the information if the statement contradicts the information **NOT GIVEN** if there is no information on this

- 6 Significant numbers of thylacines were killed by humans from the 1830s onwards.
- 7 Several thylacines were born in zoos during the late 1800s.
- **8** John Gould's prediction about the thylacine surprised some biologists.
- **9** In the early 1900s, many scientists became worried about the possible extinction of the thylacine.
- **10** T. T. Flynn's proposal to rehome captive thylacines on an island proved to be impractical.
- 11 There were still reasonable numbers of thylacines in existence when a piece of legislation protecting the species during their breeding season was passed.
- **12** From 1930 to 1936, the only known living thylacines were all in captivity.
- **13** Attempts to find living thylacines are now rarely made.

READING PASSAGE 2

You should spend about 20 minutes on **Questions 14–26**, which are based on Reading Passage 2 below.

Palm oil

Palm Ail is an edible oil derived from the fruit of the African oil palm tree, and is currently the most consumed vegetable oil in the world. It's almost certainly in the soap we wash with in the morning, the sandwich we have for lunch, and the biscuits we snack on during the day. Why is palm oil so attractive for manufacturers? Primarily because its unique properties — such as remaining solid at room temperature — make it an ideal ingredient for long-term preservation, allowing many packaged foods on supermarket shelves to have 'best before' dates of months, even years, into the future.

Many farmers have seized the opportunity to maximise the planting of oil palm trees. Between 1990 and 2012, the global land area devoted to growing oil palm trees grew from 6 to 17 million hectares, now accounting for around ten percent of total cropland in the entire world. From a mere two million tonnes of palm oil being produced annually globally 50 years ago, there are now around 60 million tonnes produced every single year, a figure looking likely to double or even triple by the middle of the century.

However, there are multiple reasons why conservationists cite the rapid spread of oil palm plantations as a major concern. There are countless news stories of deforestation, habitat destruction and dwindling species populations, all as a direct result of land clearing to establish oil palm tree monoculture on an industrial scale, particularly in Malaysia and Indonesia. Endangered species – most famously the Sumatran orangutan, but also rhinos, elephants, tigers, and numerous other fauna – have suffered from the unstoppable spread of oil palm plantations.

'Pan oil is surely one of the greatest threats to global biodiversity,' declares Dr Farnon Ellwood of the University of the West of England, Bristol. 'Palm oil is replacing rainforest, and rainforest is where all the species are. That's a problem.' This has led to some radical questions among environmentalists, such as whether consumers should try to boycott palm oil entirely.

Meanwhile Bhavani Shankar, Professor at London's School of Oriental and African Studies, argues, 'It's easy to say that palm oil is the enemy and we should be against it. It makes for a more dramatic story, and it's very intuitive. But given the complexity of the argument, I think a much more nuanced story is closer to the truth.'

One Esponse to the boycott movement has been the argument for the vital role palm oil plays in lifting many millions of people in the developing world out of poverty. Is it desirable to have palm oil boycotted, replaced, eliminated from the global supply chain, given how many low-income people in developing countries depend on it for their livelihoods? How best to strike a utilitarian balance between these competing factors has become a serious bone of contention.

Even the **G**eforestation argument isn't as straightforward as it seems. Oil palm plantations produce at least four and potentially up to ten times more oil per hectare than soybean, rapeseed, sunflower or other competing oils. That immensely high yield — which is predominantly what makes it so profitable — is potentially also an ecological benefit. If ten times more palm oil can be produced from a patch of land than any competing oil, then ten times more land would need to be cleared in order to produce the same volume of oil from that competitor.

As for the question of carbon emissions, the issue really depends on what oil palm trees are replacing. Crops vary in the degree to which they sequester carbon – in other words, the amount of carbon they capture from the atmosphere and store within the plant. The more carbon a plant sequesters, the more it reduces the effect of climate change. As Shankar explains: '[Palm oil production] actually sequesters more carbon in some ways than other alternatives. [...] Of course, if you're cutting down virgin forest it's terrible – that's what's happening in Indonesia and Malaysia, it's been allowed to get out of hand. But if it's replacing rice, for example, it might actually sequester more carbon.'

The in**G**astry is now regulated by a group called the Roundtable on Sustainable Palm Oil (RSPO), consisting of palm growers, retailers, product manufacturers, and other interested parties. Over the past decade or so, an agreement has gradually been reached regarding standards that producers of palm oil have to meet in order for their product to be regarded as officially 'sustainable'. The RSPO insists upon no virgin forest clearing, transparency and regular assessment of carbon stocks, among other criteria. Only once these requirements are fully satisfied is the oil allowed to be sold as certified sustainable palm oil (CSPO). Recent figures show that the RSPO now certifies around 12 million tonnes of palm oil annually, equivalent to roughly 21 percent of the world's total palm oil production.

There is ever hope that oil palm plantations might not need to be such sterile monocultures, or 'green deserts', as Ellwood describes them. New research at Ellwood's lab hints at one plant which might make all the difference. The bird's nest fern (Asplenium nidus) grows on trees in an epiphytic fashion (meaning it's dependent on the tree only for support, not for nutrients), and is native to many tropical regions, where as a keystone species it performs a vital ecological role. Ellwood believes that reintroducing the bird's nest fern into oil palm plantations could potentially allow these areas to recover their biodiversity, providing a home for all manner of species, from fungi and bacteria, to invertebrates such as insects, amphibians, reptiles and even mammals.

Questions 14-20

Reading Passage 2 has eight sections, A-H.

Which section contains the following information?

Write the correct letter, A-H, in boxes 14-20 on your answer sheet.

- 14 examples of a range of potential environmental advantages of oil palm tree cultivation
- 15 description of an organisation which controls the environmental impact of palm oil production
- 16 examples of the widespread global use of palm oil
- 17 reference to a particular species which could benefit the ecosystem of oil palm plantations
- **18** figures illustrating the rapid expansion of the palm oil industry
- 19 an economic justification for not opposing the palm oil industry
- 20 examples of creatures badly affected by the establishment of oil palm plantations

Questions 21 and 22

Choose TWO letters, A-E.

Write the correct letters in boxes 21 and 22 on your answer sheet.

Which **TWO** statements are made about the Roundtable on Sustainable Palm Oil (RSPO)?

- **A** Its membership has grown steadily over the course of the last decade.
- **B** It demands that certified producers be open and honest about their practices.
- C It took several years to establish its set of criteria for sustainable palm oil certification.
- **D** Its regulations regarding sustainability are stricter than those governing other industries.
- **E** It was formed at the request of environmentalists concerned about the loss of virgin forests.

Questions 23-26

Complete the sentences below.

Choose NO MORE THAN TWO WORDS from the passage for each answer.

Write your answers in boxes 23-26 on your answer sheet.

- 23 One advantage of palm oil for manufacturers is that it stayseven when not refrigerated.
- 24 Theis the best known of the animals suffering habitat loss as a result of the spread of oil palm plantations.
- As one of its criteria for the certification of sustainable palm oil, the RSPO insists that growers checkon a routine basis.
- 26 Ellwood and his researchers are looking into whether the bird's nest fern could restorein areas where oil palm trees are grown.

READING PASSAGE 3

You should spend about 20 minutes on **Questions 27–40**, which are based on Reading Passage 3 below.

Building the Skyline: The Birth and Growth of Manhattan's Skyscrapers

Katharine L. Shester reviews a book by Jason Barr about the development of New York City

In *Building the Skyline*, Jason Barr takes the reader through a detailed history of New York City. The book combines geology, history, economics, and a lot of data to explain why business clusters developed where they did and how the early decisions of workers and firms shaped the skyline we see today. *Building the Skyline* is organized into two distinct parts. The first is primarily historical and addresses New York's settlement and growth from 1609 to 1900; the second deals primarily with the 20th century and is a compilation of chapters commenting on different aspects of New York's urban development. The tone and organization of the book changes somewhat between the first and second parts, as the latter chapters incorporate aspects of Barr's related research papers.

Barr begins chapter one by taking the reader on a 'helicopter time-machine' ride – giving a fascinating account of how the New York landscape in 1609 might have looked from the sky. He then moves on to a subterranean walking tour of the city, indicating the location of rock and water below the subsoil, before taking the reader back to the surface. His love of the city comes through as he describes various fun facts about the location of the New York residence of early 19th-century vice-president Aaron Burr as well as a number of legends about the city.

Chapters two and three take the reader up to the Civil War (1861–1865), with chapter two focusing on the early development of land and the implementation of a grid system in 1811. Chapter three focuses on land use before the Civil War. Both chapters are informative and well researched and set the stage for the economic analysis that comes later in the book. I would have liked Barr to expand upon his claim that existing tenements*prevented skyscrapers in certain neighborhoods because 'likely no skyscraper developer was interested in performing the necessary "slum clearance". Later in the book, Barr makes the claim that the depth of bedrock was not a limiting factor for developers, as foundation costs were a small fraction of the cost of development. At first glance, it is not obvious why slum clearance would be limiting, while more expensive foundations would not.

^{*} a tenement: a multi-occupancy building of any sort, but particularly a run-down apartment building or slum building

^{**} bedrock: the solid, hard rock in the ground that lies under a loose layer of soil

Chapter four focuses on immigration and the location of neighborhoods and tenements in the late 19th century. Barr identifies four primary immigrant enclaves and analyzes their locations in terms of the amenities available in the area. Most of these enclaves were located on the least valuable land, between the industries located on the waterfront and the wealthy neighborhoods bordering Central Park.

Part two of the book begins with a discussion of the economics of skyscraper height. In chapter five, Barr distinguishes between engineering height, economic height, and developer height — where engineering height is the tallest building that can be safely made at a given time, economic height is the height that is most efficient from society's point of view, and developer height is the actual height chosen by the developer, who is attempting to maximize return on investment.

Chapter five also has an interesting discussion of the technological advances that led to the construction of skyscrapers. For example, the introduction of iron and steel skeletal frames made thick, load-bearing walls unnecessary, expanding the usable square footage of buildings and increasing the use of windows and availability of natural light. Chapter six then presents data on building height throughout the 20th century and uses regression analysis to 'predict' building construction. While less technical than the research paper on which the chapter is based, it is probably more technical than would be preferred by a general audience.

Chapter seven tackles the 'bedrock myth', the assumption that the absence of bedrock close to the surface between Downtown and Midtown New York is the reason for skyscrapers not being built between the two urban centers. Rather, Barr argues that while deeper bedrock does increase foundation costs, these costs were neither prohibitively high nor were they large compared to the overall cost of building a skyscraper. What I enjoyed the most about this chapter was Barr's discussion of how foundations are actually built. He describes the use of caissons, which enable workers to dig down for considerable distances, often below the water table, until they reach bedrock. Barr's thorough technological history discusses not only how caissons work, but also the dangers involved. While this chapter references empirical research papers, it is a relatively easy read.

Chapter eight and nine focus on the birth of Midtown and the building boom of the 1920s. Chapter eight contains lengthy discussions of urban economic theory that may serve as a distraction to readers primarily interested in New York. However, they would be well-suited for undergraduates learning about the economics of cities. In the next chapter, Barr considers two of the primary explanations for the building boom of the 1920s — the first being exuberance, and the second being financing. He uses data to assess the viability of these two explanations and finds that supply and demand factors explain much of the development of the 1920s; though it enabled the boom, cheap credit was not, he argues, the primary cause.

In the final chapter (chapter 10), Barr discusses another of his empirical papers that estimates Manhattan land values from the mid-19th century to the present day. The data work that went into these estimations is particularly impressive. Toward the end of the chapter, Barr assesses 'whether skyscrapers are a cause or an effect of high land values'. He finds that changes in land values predict future building height, but the reverse is not true. The book ends with an epilogue, in which Barr discusses the impact of climate change on the city and makes policy suggestions for New York going forward.

Questions 27-31

Choose the correct letter, A, B, C or D.

Write the correct letter in boxes 27–31 on your answer sheet.

- 27 What point does Shester make about Barr's book in the first paragraph?
 - **A** It gives a highly original explanation for urban development.
 - **B** Elements of Barr's research papers are incorporated throughout the book.
 - **C** Other books that are available on the subject have taken a different approach.
 - **D** It covers a range of factors that affected the development of New York.
- 28 How does Shester respond to the information in the book about tenements?
 - A She describes the reasons for Barr's interest.
 - **B** She indicates a potential problem with Barr's analysis.
 - **C** She compares Barr's conclusion with that of other writers.
 - **D** She provides details about the sources Barr used for his research.
- 29 What does Shester say about chapter six of the book?
 - A It contains conflicting data.
 - **B** It focuses too much on possible trends.
 - C It is too specialised for most readers.
 - **D** It draws on research that is out of date.
- What does Shester suggest about the chapters focusing on the 1920s building boom?
 - **A** The information should have been organised differently.
 - **B** More facts are needed about the way construction was financed.
 - **C** The explanation that is given for the building boom is unlikely.
 - **D** Some parts will have limited appeal to certain people.
- 31 What impresses Shester the most about the chapter on land values?
 - **A** the broad time period that is covered
 - **B** the interesting questions that Barr asks
 - **C** the nature of the research into the topic
 - **D** the recommendations Barr makes for the future

Questions 32–35

Do the following statements agree with the claims of the writer in Reading Passage 3?

In boxes 32–35 on your answer sheet, write

YES if the statement agrees with the claims of the writer
NO if the statement contradicts the claims of the writer
NOT GIVEN if it is impossible to say what the writer thinks about this

- 32 The description in the first chapter of how New York probably looked from the air in the early 1600s lacks interest.
- 33 Chapters two and three prepare the reader well for material yet to come.
- The biggest problem for many nineteenth-century New York immigrant neighbourhoods was a lack of amenities.
- 35 In the nineteenth century, New York's immigrant neighbourhoods tended to concentrate around the harbour.

Questions 36-40

Complete the summary using the list of phrases, **A–J**, below.

well researched but relatively easy to understand.

Write the correct letter, **A–J**, in boxes 36–40 on your answer sheet.

The bedrock myth

use of caissons, but he also discusses their 40 The chapter is

Α development plans В deep excavations **C** great distance D excessive expense Е impossible tasks associated risks G water level Н specific areas total expenditure construction guidelines

WRITING

WRITING TASK 1

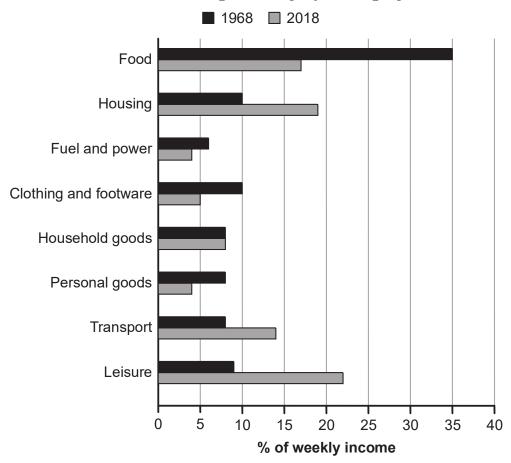
You should spend about 20 minutes on this task.

The chart below gives information about how families in one country spent their weekly income in 1968 and in 2018.

Summarise the information by selecting and reporting the main features, and make comparisons where relevant.

Write at least 150 words.





WRITING TASK 2

You should spend about 40 minutes on this task.

Write about the following topic:

Some people believe that professionals, such as doctors and engineers, should be required to work in the country where they did their training. Others believe they should be free to work in another country if they wish.

Discuss both these views and give your own opinion.

Give reasons for your answer and include any relevant examples from your own knowledge or experience.

Write at least 250 words.

SPEAKING

PART 1

The examiner asks you about yourself, your home, work or studies and other familiar topics.

EXAMPLE

Drinks

- What do you like to drink with your dinner? [Why?]
- Do you drink a lot of water every day? [Why/Why not?]
- Do you prefer drinking tea or coffee? [Why?]
- If people visit you in your home, what do you usually offer them to drink? [Why/Why not?]

PART 2

Describe a monument (e.g., a statue or sculpture) that you like.

You should say:

what this monument is where this monument is what it looks like

and explain why you like this monument.

You will have to talk about the topic for one to two minutes. You have one minute to think about what you are going to say. You can make some notes to help you if you wish.

PART 3

Discussion topics:

Public monuments

Example questions:

What kinds of monuments do tourists in your country enjoy visiting?
Why do you think there are often statues of famous people in public places?
Do you agree that old monuments and buildings should always be preserved?

Architecture

Example questions:

Why is architecture such a popular university subject? In what ways has the design of homes changed in recent years? To what extent does the design of buildings affect people's moods?

Test 4

LISTENING

PART 1 Questions 1–10

Complete the notes below.

Write ONE WORD for each answer.



Easy Life Cleaning Services

Basic cleaning package offered

- Cleaning all surfaces
- Cleaning the 1throughout the apartment
- Cleaning shower, sinks, toilet etc.

Additional services agreed

- Every week
 - Cleaning the 2
 - Ironing clothes 3only
- Every month
 - Cleaning all the 4from the inside
 - Washing down the 5

Other possibilities

- They can organise a plumber or an **6**if necessary.
- A special cleaning service is available for customers who are allergic to 7

Information on the cleaners

- Before being hired, all cleaners have a background check carried out by the 8
- References are required.
- All cleaners are given **9**for two weeks.
- Customers send a 10after each visit.
- Usually, each customer has one regular cleaner.

PART 2 Questions 11–20

Questions 11–14

Choose the correct letter, A, B or C.



- 11 Many hotel managers are unaware that their staff often leave because of
 - A a lack of training.
 - **B** long hours.
 - C low pay.
- **12** What is the impact of high staff turnover on managers?
 - A an increased workload
 - **B** low morale
 - **C** an inability to meet targets
- **13** What mistake should managers always avoid?
 - A failing to treat staff equally
 - B reorganising shifts without warning
 - C neglecting to have enough staff during busy periods
- 14 What unexpected benefit did Dunwich Hotel notice after improving staff retention rates?
 - A a fall in customer complaints
 - B an increase in loyalty club membership
 - **C** a rise in spending per customer

Questions 15-20

Which way of reducing staff turnover was used in each of the following hotels?

Write the correct letter, **A**, **B** or **C**, next to Questions 15–20.

Ways of reducing staff turnover

- **A** improving relationships and teamwork
- **B** offering incentives and financial benefits
- C providing career opportunities

Hotels

15	The Sun Club	
16	The Portland	
17	Bluewater Hotels	
18	Pentlow Hotels	
19	Green Planet	
20	The Amesbury	

PART 3 Questions 21–30

Questions 21–22

Choose TWO letters, A-E.



Which **TWO** points do Thomas and Jeanne make about Thomas's sporting activities at school?

- A He should have felt more positive about them.
- **B** The training was too challenging for him.
- C He could have worked harder at them.
- **D** His parents were disappointed in him.
- **E** His fellow students admired him.

Questions 23 and 24

Choose TWO letters, A-E.

Which TWO feelings did Thomas experience when he was in Kenya?

- A disbelief
- **B** relief
- C stress
- **D** gratitude
- E homesickness

Questions 25-30

What comment do the students make about the development of each of the following items of sporting equipment?

Choose **SIX** answers from the box and write the correct letter, **A–H**, next to Questions 25–30.

Comments about the development of the equipment

- A It could cause excessive sweating.
- **B** The material was being mass produced for another purpose.
- C People often needed to make their own.
- **D** It often had to be replaced.
- **E** The material was expensive.
- **F** It was unpopular among spectators.
- **G** It caused injuries.
- **H** No one using it liked it at first.

Items of sporting equipment

25	the table tennis bat	
26	the cricket helmet	
27	the cycle helmet	
28	the golf club	
29	the hockey stick	
30	the football	

PART 4 Questions 31–40

Complete the notes below.

Write ONE WORD ONLY for each answer.



Maple syrup

What is maple syrup? made from the sap of the maple tree added to food or used in cooking very 32compared to refined sugar The maple tree has many species needs moist soil but does not need fertiliser as well

Early maple sugar producers

- made holes in the tree trunks
- used hot **34**to heat the sap

maple leaf has been on the Canadian •

 used tree bark to make containers for collection

best growing conditions and

North America

33are in Canada and

sweetened food and drink with sugar

Today's maple syrup

flag since 1964

The trees

- Tree trunks may not have the correct **35**until they have been growing for 40 years.
- The changing temperature and movement of water within the tree produces the sap.

The production

- A tap is drilled into the trunk and a 36.....carries the sap into a bucket.
- Large pans of sap called evaporators are heated by means of a 37......
- A lot of **38**is produced during the evaporation process.
- 'Sugar sand' is removed because it makes the syrup look **39**and affects the taste.
- The syrup is ready for use.
- A huge quantity of sap is needed to make a 40of maple syrup.

READING

READING PASSAGE 1

You should spend about 20 minutes on **Questions 1–13**, which are based on Reading Passage 1 below.

Bats to the rescue

How Madagascar's bats are helping to save the rainforest

There are few places in the world where relations between agriculture and conservation are more strained. Madagascar's forests are being converted to agricultural land at a rate of one percent every year. Much of this destruction is fuelled by the cultivation of the country's main staple crop: rice. And a key reason for this destruction is that insect pests are destroying vast quantities of what is grown by local subsistence farmers, leading them to clear forest to create new paddy fields. The result is devastating habitat and biodiversity loss on the island, but not all species are suffering. In fact, some of the island's insectivorous bats are currently thriving and this has important implications for farmers and conservationists alike.

Enter University of Cambridge zoologist Ricardo Rocha. He's passionate about conservation, and bats. More specifically, he's interested in how bats are responding to human activity and deforestation in particular. Rocha's new study shows that several species of bats are giving Madagascar's rice farmers a vital pest control service by feasting on plagues of insects. And this, he believes, can ease the financial pressure on farmers to turn forest into fields.

Bats comprise roughly one-fifth of all mammal species in Madagascar and thirty-six recorded bat species are native to the island, making it one of the most important regions for conservation of this animal group anywhere in the world.

Co-leading an international team of scientists, Rocha found that several species of indigenous bats are taking advantage of habitat modification to hunt insects swarming above the country's rice fields. They include the Malagasy mouse-eared bat, Major's long-fingered bat, the Malagasy white-bellied free-tailed bat and Peters' wrinkle-lipped bat.

'These winner species are providing a valuable free service to Madagascar as biological pest suppressors,' says Rocha. 'We found that six species of bat are preying on rice pests, including the paddy swarming caterpillar and grass webworm. The damage which these insects cause puts the island's farmers under huge financial pressure and that encourages deforestation.'

The study, now published in the journal *Agriculture, Ecosystems and Environment*, set out to investigate the feeding activity of insectivorous bats in the farmland bordering the Ranomafana National Park in the southeast of the country.

Rocha and his team used state-of-the-art ultrasonic recorders to record over a thousand bat 'feeding buzzes' (echolocation sequences used by bats to target their prey) at 54 sites, in order to identify the favourite feeding spots of the bats. They next used DNA barcoding techniques to analyse droppings collected from bats at the different sites.

The recordings revealed that bat activity over rice fields was much higher than it was in continuous forest – seven times higher over rice fields which were on flat ground, and sixteen times higher over fields on the sides of hills – leaving no doubt that the animals are preferentially foraging in these man-made ecosystems. The researchers suggest that the bats favour these fields because lack of water and nutrient run-off make these crops more susceptible to insect pest infestations. DNA analysis showed that all six species of bat had fed on economically important insect pests. While the findings indicated that rice farming benefits most from the bats, the scientists also found indications that the bats were consuming pests of other crops, including the black twig borer (which infests coffee plants), the sugarcane cicada, the macadamia nut-borer, and the sober tabby (a pest of citrus fruits).

'The effectiveness of bats as pest controllers has already been proven in the USA and Catalonia,' said co-author James Kemp, from the University of Lisbon. 'But our study is the first to show this happening in Madagascar, where the stakes for both farmers and conservationists are so high.'

Local people may have a further reason to be grateful to their bats. While the animal is often associated with spreading disease, Rocha and his team found evidence that Malagasy bats feed not just on crop pests but also on mosquitoes – carriers of malaria, Rift Valley fever virus and elephantiasis – as well as blackflies, which spread river blindness.

Rocha points out that the relationship is complicated. When food is scarce, bats become a crucial source of protein for local people. Even the children will hunt them. And as well as roosting in trees, the bats sometimes roost in buildings, but are not welcomed there because they make them unclean. At the same time, however, they are associated with sacred caves and the ancestors, so they can be viewed as beings between worlds, which makes them very significant in the culture of the people. And one potential problem is that while these bats are benefiting from farming, at the same time deforestation is reducing the places where they can roost, which could have long-term effects on their numbers. Rocha says, 'With the right help, we hope that farmers can promote this mutually beneficial relationship by installing bat houses.'

Rocha and his colleagues believe that maximising bat populations can help to boost crop yields and promote sustainable livelihoods. The team is now calling for further research to quantify this contribution. 'I'm very optimistic,' says Rocha. 'If we give nature a hand, we can speed up the process of regeneration.'

Questions 1-6

Do the following statements agree with the information given in Reading Passage 1?

In boxes 1–6 on your answer sheet, write

TRUE if the statement agrees with the information if the statement contradicts the information **NOT GIVEN** if there is no information on this

- 1 Many Madagascan forests are being destroyed by attacks from insects.
- 2 Loss of habitat has badly affected insectivorous bats in Madagascar.
- 3 Ricardo Rocha has carried out studies of bats in different parts of the world.
- **4** Habitat modification has resulted in indigenous bats in Madagascar becoming useful to farmers.
- **5** The Malagasy mouse-eared bat is more common than other indigenous bat species in Madagascar.
- **6** Bats may feed on paddy swarming caterpillars and grass webworms.

Questions 7–13

Complete the table below.

Choose **ONE WORD ONLY** from the passage for each answer.

Write your answers in boxes 7–13 on your answer sheet.

The study carried out by Rocha's team		
Aim	•	to investigate the feeding habits of bats in farmland near the Ranomafana National Park
Method	•	ultrasonic recording to identify favourite feeding spots
	•	DNA analysis of bat 7
Findings	•	the bats
		 were most active in rice fields located on hills
		 ate pests of rice, 8, sugarcane, nuts and fruit
		prevent the spread of disease by eating9and blackflies
	•	local attitudes to bats are mixed:
		- they provide food rich in 10
		the buildings where they roost become11
		- they play an important role in local 12
Recommendation	•	farmers should provide special 13 to support the bat population

READING PASSAGE 2

You should spend about 20 minutes on **Questions 14–26**, which are based on Reading Passage 2 below.

Does education fuel economic growth?

Over the last decade, a huge database about the lives of southwest German villagers between 1600 and 1900 has been compiled by a team led by Professor Sheilagh Ogilvie at Cambridge University's Faculty of Economics. It includes court records, guild ledgers, parish registers, village censuses, tax lists and – the most recent addition – 9,000 handwritten inventories listing over a million personal possessions belonging to ordinary women and men across three centuries. Ogilvie, who discovered the inventories in the archives of two German communities 30 years ago, believes they may hold the answer to a conundrum that has long puzzled economists: the lack of evidence for a causal link between education and a country's economic growth.

B As Ogilvie explains, 'Education helps us to work more productively, invent better technology, and earn more ... surely it must be critical for economic growth? But, if you look back through history, there's no evidence that having a high literacy rate made a country industrialise earlier.' Between 1600 and 1900, England had only mediocre literacy rates by European standards, yet its economy grew fast and it was the first country to industrialise. During this period, Germany and Scandinavia had excellent literacy rates, but their economies grew slowly and they industrialised late. 'Modern cross-country analyses have also struggled to find evidence that education causes economic growth, even though there is plenty of evidence that growth increases education,' she adds.

In the Chandwritten inventories that Ogilvie is analysing are the belongings of women and men at marriage, remarriage and death. From badger skins to Bibles, sewing machines to scarlet bodices – the villagers' entire worldly goods are included. Inventories of agricultural equipment and craft tools reveal economic activities; ownership of books and education-related objects like pens and slates suggests how people learned. In addition, the tax lists included in the database record the value of farms, workshops, assets and debts; signatures and people's estimates of their age indicate literacy and numeracy levels; and court records reveal obstacles (such as the activities of the guilds*) that stifled industry.

Previous studies usually had just one way of linking education with economic growth – the presence of schools and printing presses, perhaps, or school enrolment, or the ability to sign names. According to Ogilvie, the database provides multiple indicators for the same individuals, making it possible to analyse links between literacy, numeracy, wealth, and industriousness, for individual women and men over the long term.

 $^{^{\}star}$ guild: an association of artisans or merchants which oversees the practice of their craft or trade in a particular area

Ogilvie and her team have been building the vast database of material possessions on top of their full demographic reconstruction of the people who lived in these two German communities. 'We can follow the same people – and their descendants – across 300 years of educational and economic change,' she says. Individual lives have unfolded before their eyes. Stories like that of the 24-year-olds Ana Regina and Magdalena Riethmüllerin, who were chastised in 1707 for reading books in church instead of listening to the sermon. 'This tells us they were continuing to develop their reading skills at least a decade after leaving school,' explains Ogilvie. The database also reveals the case of Juliana Schweickherdt, a 50-year-old spinster living in the small Black Forest community of Wildberg, who was reprimanded in 1752 by the local weavers' guild for 'weaving cloth and combing wool, counter to the guild ordinance'. When Juliana continued taking jobs reserved for male guild members, she was summoned before the guild court and told to pay a fine equivalent to one third of a servant's annual wage. It was a small act of defiance by today's standards, but it reflects a time when laws in Germany and elsewhere regulated people's access to labour markets. The dominance of guilds not only prevented people from using their skills, but also held back even the simplest industrial innovation.

The data-gathering phase of the project has been completed and now, according to Ogilvie, it is time 'to ask the big questions'. One way to look at whether education causes economic growth is to 'hold wealth constant'. This involves following the lives of different people with the same level of wealth over a period of time. If wealth is constant, it is possible to discover whether education was, for example, linked to the cultivation of new crops, or to the adoption of industrial innovations like sewing machines. The team will also ask what aspect of education helped people engage more with productive and innovative activities. Was it, for instance, literacy, numeracy, book ownership, years of schooling? Was there a threshold level – a tipping point – that needed to be reached to affect economic performance?

OgilFie hopes to start finding answers to these questions over the next few years. One thing is already clear, she says: the relationship between education and economic growth is far from straightforward. 'German-speaking central Europe is an excellent laboratory for testing theories of economic growth,' she explains. Between 1600 and 1900, literacy rates and book ownership were high and yet the region remained poor. It was also the case that local guilds and merchant associations were extremely powerful and legislated against anything that undermined their monopolies. In villages throughout the region, guilds blocked labour migration and resisted changes that might reduce their influence.

'Early findings suggest that the potential benefits of education for the economy can be held back by other barriers, and this has implications for today,' says Ogilvie. 'Huge amounts are spent improving education in developing countries, but this spending can fail to deliver economic growth if restrictions block people – especially women and the poor – from using their education in economically productive ways. If economic institutions are poorly set up, for instance, education can't lead to growth.'

Questions 14-18

Reading Passage 2 has six sections, A-F.

Which section contains the following information?

Write the correct letter, **A–F**, in boxes 14–18 on your answer sheet.

- **14** an explanation of the need for research to focus on individuals with a fairly consistent income
- **15** examples of the sources the database has been compiled from
- **16** an account of one individual's refusal to obey an order
- 17 a reference to a region being particularly suited to research into the link between education and economic growth
- 18 examples of the items included in a list of personal possessions

Questions 19-22

Complete the summary below.

Choose ONE WORD from the passage for each answer.

Write your answers in boxes 19-22 on your answer sheet.

Demographic reconstruction of two German communities

The database that Ogilvie and her team has compiled sheds light on the lives of a
range of individuals, as well as those of their 19 , over a 300-year
period. For example, Ana Regina and Magdalena Riethmüllerin were reprimanded
for reading while they should have been paying attention to a 20
There was also Juliana Schweickherdt, who came to the notice of the weavers' guild
in the year 1752 for breaking guild rules. As a punishment, she was later given a
21 Cases like this illustrate how the guilds could prevent
22and stop skilled people from working.

Questions 23 and 24

Choose TWO letters, A-E.

Write the correct letters in boxes 23 and 24 on your answer sheet.

Which **TWO** of the following statements does the writer make about literacy rates in Section B?

- A Very little research has been done into the link between high literacy rates and improved earnings.
- **B** Literacy rates in Germany between 1600 and 1900 were very good.
- C There is strong evidence that high literacy rates in the modern world result in economic growth.
- **D** England is a good example of how high literacy rates helped a country industrialise.
- **E** Economic growth can help to improve literacy rates.

Questions 25 and 26

Choose TWO letters, A-E.

Write the correct letters in boxes 25 and 26 on your answer sheet.

Which **TWO** of the following statements does the writer make in Section F about guilds in German-speaking Central Europe between 1600 and 1900?

- **A** They helped young people to learn a skill.
- **B** They were opposed to people moving to an area for work.
- **C** They kept better records than guilds in other parts of the world.
- **D** They opposed practices that threatened their control over a trade.
- **E** They predominantly consisted of wealthy merchants.

READING PASSAGE 3

You should spend about 20 minutes on **Questions 27–40**, which are based on Reading Passage 3 below.

Timur Gareyev – blindfold chess champion

- A Next month, a chess player named Timur Gareyev will take on nearly 50 opponents at once. But that is not the hard part. While his challengers will play the games as normal, Gareyev himself will be blindfolded. Even by world record standards, it sets a high bar for human performance. The 28-year-old already stands out in the rarefied world of blindfold chess. He has a fondness for bright clothes and unusual hairstyles, and he gets his kicks from the adventure sport of BASE jumping. He has already proved himself a strong chess player, too. In a 10-hour chess marathon in 2013, Gareyev played 33 games in his head simultaneously. He won 29 and lost none. The skill has become his brand: he calls himself the Blindfold King.
- But Gareyev's prowess has drawn interest from beyond the chess-playing community. In the hope of understanding how he and others like him can perform such mental feats, researchers at the University of California in Los Angeles (UCLA) called him in for tests. They now have their first results. 'The ability to play a game of chess with your eyes closed is not a far reach for most accomplished players,' said Jesse Rissman, who runs a memory lab at UCLA. 'But the thing that's so remarkable about Timur and a few other individuals is the number of games they can keep active at once. To me it is simply astonishing.'
- C Gareyev learned to play chess in his native Uzbekistan when he was six years old. Tutored by his grandfather, he entered his first tournament aged eight and soon became obsessed with competitions. At 16, he was crowned Asia's youngest ever chess grandmaster. He moved to the US soon after, and as a student helped his university win its first national chess championship. In 2013, Gareyev was ranked the third best chess player in the US.
- D To the uninitiated, blindfold chess seems to call for superhuman skill. But displays of the feat go back centuries. The first recorded game in Europe was played in 13th-century Florence. In 1947, the Argentinian grandmaster Miguel Najdorf played 45 simultaneous games in his mind, winning 39 in the 24-hour session.
- E Accomplished players can develop the skill of playing blind even without realising it. The nature of the game is to run through possible moves in the mind to see how they play out. From this, regular players develop a memory for the patterns the pieces make, the defences and attacks. 'You recreate it in your mind,' said Gareyev. 'A lot of players are capable of doing what I'm doing.' The real mental challenge comes from playing multiple games at once in the head. Not only must the positions of each piece on every board be memorised, they must be recalled

faithfully when needed, updated with each player's moves, and then reliably stored again, so the brain can move on to the next board. First moves can be tough to remember because they are fairly uninteresting. But the ends of games are taxing too, as exhaustion sets in. When Gareyev is tired, his recall can get patchy. He sometimes makes moves based on only a fragmented memory of the pieces' positions.

- F The scientists first had Gareyev perform some standard memory tests. These assessed his ability to hold numbers, pictures and words in mind. One classic test measures how many numbers a person can repeat, both forwards and backwards, soon after hearing them. Most people manage about seven. 'He was not exceptional on any of these standard tests,' said Rissman. 'We didn't find anything other than playing chess that he seems to be supremely gifted at.' But next came the brain scans. With Gareyev lying down in the machine, Rissman looked at how well connected the various regions of the chess player's brain were. Though the results are tentative and as yet unpublished, the scans found much greater than average communication between parts of Gareyev's brain that make up what is called the frontoparietal control network. Of 63 people scanned alongside the chess player, only one or two scored more highly on the measure. 'You use this network in almost any complex task. It helps you to allocate attention, keep rules in mind, and work out whether you should be responding or not,' said Rissman.
- G It was not the only hint of something special in Gareyev's brain. The scans also suggest that Gareyev's visual network is more highly connected to other brain parts than usual. Initial results suggest that the areas of his brain that process visual images such as chess boards may have stronger links to other brain regions, and so be more powerful than normal. While the analyses are not finalised yet, they may hold the first clues to Gareyev's extraordinary ability.
- For the world record attempt, Gareyev hopes to play 47 blindfold games at once in about 16 hours. He will need to win 80% to claim the title. 'I don't worry too much about the winning percentage, that's never been an issue for me,' he said. 'The most important part of blindfold chess for me is that I have found the one thing that I can fully dedicate myself to. I miss having an obsession.'

Questions 27-32

Reading Passage 3 has eight paragraphs, A-H.

Which paragraph contains the following information?

Write the correct letter, A-H, in boxes 27-32 on your answer sheet.

- **NB** You may use any letter more than once.
- 27 a reference to earlier examples of blindfold chess
- 28 an outline of what blindfold chess involves
- 29 a claim that Gareyev's skill is limited to chess
- 30 why Gareyev's skill is of interest to scientists
- 31 an outline of Gareyev's priorities
- 32 a reason why the last part of a game may be difficult

Questions 33-36

Do the following statements agree with the information given in Reading Passage 3?

In boxes 33–36 on your answer sheet, write

TRUE if the statement agrees with the information **FALSE** if the statement contradicts the information **NOT GIVEN** if there is no information about this

- 33 In the forthcoming games, all the participants will be blindfolded.
- 34 Gareyev has won competitions in BASE jumping.
- **35** UCLA is the first university to carry out research into blindfold chess players.
- **36** Good chess players are likely to be able to play blindfold chess.

Questions 37-40

Complete the summary below.

Choose **ONE WORD ONLY** from the passage for each answer.

Write your answers in boxes 37-40 on your answer sheet.

How the research was carried out

The researchers started by testing Gareyev's 37 ; for example, he
was required to recall a string of 38in order and also in reverse
order. Although his performance was normal, scans showed an unusual amount of
39within the areas of Gareyev's brain that are concerned with
directing attention. In addition, the scans raised the possibility of unusual strength in
the parts of his brain that deal with 40 input.

WRITING

WRITING TASK 1

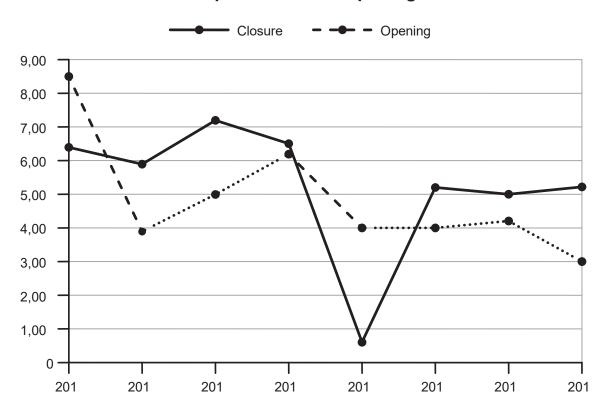
You should spend about 20 minutes on this task.

The graph below shows the number of shops that closed and the number of new shops that opened in one country between 2011 and 2018.

Summarise the information by selecting and reporting the main features, and make comparisons where relevant.

Write at least 150 words.

Number of shop closures and openings 2011-2018



WRITING TASK 2

You should spend about 40 minutes on this task.

Write about the following topic:

Nowadays, a growing number of people with health problems are trying alternative medicines and treatments instead of visiting their usual doctor.

Do you think this is a positive or a negative development?

Give reasons for your answer and include any relevant examples from your own knowledge or experience.

Write at least 250 words.

SPEAKING

PART 1

The examiner asks you about yourself, your home, work or studies and other familiar topics.

EXAMPLE

Maps

- Do you think it's better to use a paper map or a map on your phone? [Why?]
- When was the last time you needed to use a map? [Why/Why not?]
- If you visit a new city, do you always use a map to find your way around? [Why/Why not?]
- In general, do you find it easy to read maps? [Why/Why not?]

PART 2

Describe an occasion when you had to do something in a hurry.

You should say:

what you had to do why you had to do this in a hurry how well you did this

and explain how you felt about having to do this in a hurry.

You will have to talk about the topic for one to two minutes. You have one minute to think about what you are going to say. You can make some notes to help you if you wish.

PART 3

Discussion topics:

Arriving late

Example questions:

Do you think it's OK to arrive late when meeting a friend? What should happen to people who arrive late for work? Can you suggest how people can make sure they don't arrive late?

Managing study time

Example questions:

Is it better to study for long periods or in shorter blocks of time? What are the likely effects of students not managing their study time well? How important is it for students to have enough leisure time?

Audioscripts

TEST 1

PART 1

peter :	:	Hello					
jan :		Oh hello. My name's Jan. Are you the right person to talk to about the Conservation					
peter	:	Yes, I'm Peter. I'm the					
jan :		Good. I've just moved to this area, and I'm interested in getting involved. I in a similar group where I used to live. Could you tell me something about activities,					
peter	:	Of course. Well, we have a mixture of regular activities and special events. of the regular ones is trying to keep the beach free of litter. A few of us spend couple of hours a month on it, and it's awful how much there is to clear. I people would be more responsible and take it home with	Q1				
jan :		I totally agree. I'd be happy to help with that. Is it OK to take	Q2				
peter	:	I'm afraid not, as they're banned from the beach itself. You can take them the cliffs, though. And children are					
jan :		Right					
peter		We also manage a nature reserve, and there's a lot to do there all year For example, because it's a popular place to visit, we spend a lot of time after the paths and making sure they're in good condition for					
jan :		I could certainly help with					
peter	:	Good. And we have a programme of creating new habitats there. We've finished making and installing nesting boxes for birds to use, and next going to work on encouraging insects – they're important for the biodiversity the	Q3				
jan :		They certainly					
peter	:	Oh, and we're also running a project to identify the different species of that visit the reserve. You might be interested in taking part in Sure. I was involved in something similar where I used to live, counting all	Q4				
peter	:	species of moths. I'd enjoy Another job we're doing at the reserve is replacing the wall on the southern between the parking area and our woodshed. It was badly damaged in a last	Q5				
jan :		OK					
peter	:	Then as I said, we have a programme of events as well, both at the and during the					
jan :		Right. I presume you have guided walks? I'd like to get to know the countryside, as I'm new to the					
peter	:	Yes, we do. The next walk is to Ruston Island, a week on Saturday. We'll meeting in the car park at Dunsmore Beach at low tide – that's when the are dry enough for us to walk to the island without getting	Q6				
jan :		Sounds					

peter	:	The island's a great place to explore. It's quite small, and it's got a range habitats. It's also an ideal location for seeing seals just off the coast, or even the beach.	
jan :		OK. And is there anything we should bring, like a picnic, for	
peter	:	Yes, do bring one, as it's a full-day walk. And of course it'll be wet walking and back, so make sure you <u>r boot</u> s are	Q7
jan :		I must buy a new pair – there's a hole in one of my current ones! Well, definitely like to come on the	
peter	:	Great. Then later this month we're having a one-day woodwork session Hopton	
jan :		I've never tried that before. Is it OK for beginners to take	Q8
peter	:	Definitely. There'll be a couple of experts leading the session, and we keep number of participants down, so you'll get as much help as you	
jan :		Excellent! I'd love to be able to make	
peter	:	That's probably too ambitious for one day! You'll be starting with wooden and of course learning how to use the tools. And anything you make is yours take home with	Q9
jan :		That sounds like fun. When is	
peter	:	It's on the 17th, from 10 a.m. until 3. There's a charge of £35, including lunch, £40 if you want to camp in the	Q10
jan :		I should think I'll come home the same day. Well, I'd certainly like to join group.	

PART 2

So, hello everyone. My name's Lou Miller and I'm going to be your tour guide today as take this fantastic boat trip around the Tasmanian coast. Before we set off, I just want to you a few things about our

Our boats aren't huge as you can see. We already have three staff members on board on top of that, we can transport a further fifteen people – that's you – around the But please note if there are more than nine people on either side of the boat, we'll Q11 some of you over, otherwise all eighteen of us will end up in the

Q12

Q13

We've recently upgraded all our boats. They used to be jet black, but our new ones now these comfortable dark red seats and a <u>light-green exterior</u> in order to stand out from and help promote our company. This gives our boats a rather unique appearance, don't think

We offer you a free lunchbox during the trip and we have three types. Lunchbox 1 ham and tomato sandwiches. Lunchbox 2 contains a cheddar cheese roll and Lunchbox is salad-based and also contains eggs and tuna. All three lunchboxes also have a packet crisps and chocolate bar inside. Please let staff know which lunchbox you

I'm sure I don't have to ask you not to throw anything into the sea. We don't have any bins put litter in, but Jess, myself or Ray, our other guide, will collect it from you after lunch and it all in a large plastic

The engine on the boat makes quite a lot of noise so before we head off, let me tell you a things about what you're going to

This area is famous for its ancient lighthouse, which you'll see from the boat as we turn the first little island. It was built in 1838 to protect sailors as a number of shipwrecks led to significant loss of life. The construction itself was complicated as some of the drawings kept by the local council show. It sits right on top of the cliffs in a very isolated In the nineteenth century there were many jobs there, such as polishing the brass chopping firewood and cleaning windows, that kept lighthouse keepers busy. These were mainly prison convicts until the middle of that century when ordinary families willing live in such circumstances took	Q15/16 Q15/16
Some of you have asked me what creatures we can expect to see. I know everyone the penguins, but they're very shy and, unfortunately, tend to hide from passing boats, you might see birds in the distance, such as sea eagles, flying around the cliff edges they nest. When we get to the rocky area inhabited by fur seals, we'll stop and watch swimming around the coast. They're inquisitive creatures so don't be surprised if one pops right in front of you. Their predators, orca whales, hunt along the coastline too, but one of these is rare. Dolphins, on the other hand, can sometimes approach on their own or groups as they ride the waves beside	Q17/18 Q17/18
Lastly, I want to mention the caves. Tasmania is famous for its caves and the ones pass by are so amazing that people are lost for words when they see them. They can be approached by sea, but if you feel that you want to see more than we're able to you, then you can take a kayak into the area on another day and one of our staff will you more information on that. What we'll do is to go through a narrow channel, past	Q19/20 Q19/20
incredible rock formations and from there we'll be able to see the openings to the caves, at that point we'll talk to you about what lies	Q13/2U

PART 3

diana :	So, Tim, we have to do a short summary of our work experience on a	
tim:	Right. My farm was great, but arranging the work experience was hard.	Q21
	problem was it was miles away and I don't drive. And also, I'd really wanted	
	placement for a month, but I could only get one for two	
diana :	I was lucky, the farmer let me stay on the farm so I didn't have to travel.	
	finding the right sort of farm to apply to wasn't	
tim:	No, they don't seem to have websites, do they. I found mine through a friend	
	my mother's, but it wasn't	
diana :	No	
tim:	My farm was mostly livestock, especially sheep. I really enjoyed helping out	
	them. I was up most of one night helping a sheep deliver a	Q22
diana :	On your	
tim:	No, the farmer was there, and he told me what to do. It wasn't a	
	birth, but I managed. It was a great feeling to see the lamb stagger to its feet	
	start feeding almost straightaway, and to know that it was	
diana :	Mm	
tim:	Then another time a lamb had broken its leg, and they got the vet in to set it,	
	he talked me through what he was doing. That was really	
diana :	Yes, my farm had sheep too. The farm was in a valley and they had a	
	breed called Suffolks, although the farmer said they'd had other breeds in the	
tim:	So were they bred for their	Q23
diana :	Mostly, yes. They're quite big and	
tim:	My farm was up in the hills and they had a different breed of sheep, they	
	Cheviots	
	÷	

diane .		
diana 🖫	Oh, I heard their wool's really sought	
tim:	Yes. It's very hardwearing and they use it for	
diana :	Right.	
tim:	I was interested in the amount of supplements they add to animals' nowadays. Like, even the chickens got extra vitamins and electrolytes their	
diana :	Yes, I found that too. And they're not cheap. But my farmer said some overpriced for what they are. And he didn't give them as a matter of routine, at times when the chickens seemed to particularly require	Q24
tim:	Yes, mine said the same. He said certain breeds of chickens might need supplements than the others, but the cheap and expensive ones are all the	
diana :	Mm	
tim :	So did your farm have any other livestock,	
diana :	Yes, dairy cows. I made a really embarrassing mistake when I was working the milk shed. Some cows had been treated with antibiotics, so their milk suitable for human consumption, and it had to be put in a separate container. I got mixed up, and I poured some milk from the wrong cow in with the milk	Q25
	humans, so the whole lot had to be thrown away. The farmer wasn't too with	Q20
tim:	I asked my farmer how much he depended on the vet to deal with	
	problems. I'd read reports that the livestock's health is being affected as	
	are under pressure to increase production. Well, he didn't agree with that,	
	he said that actually some of the stuff the vets do, like minor operations, he'd	Q26
	quite capable of doing	
diana :	Yeah. My farmer said the same. But he reckons vets' skills are still	
diana :	Now we've got to give a bit of feedback about last term's modules – just comments, apparently. Shall we do that	
diana :		
	comments, apparently. Shall we do that	
tim:	comments, apparently. Shall we do that OK. So medical Well, my heart sank when I saw that, especially right at the beginning of course. And I did struggle with I'd thought it'd be hard, but actually I found it all quite	Q27
tim : diana :	comments, apparently. Shall we do that OK. So medical Well, my heart sank when I saw that, especially right at the beginning of course. And I did struggle with	Q27
tim: diana: tim:	comments, apparently. Shall we do that OK. So medical Well, my heart sank when I saw that, especially right at the beginning of course. And I did struggle with I'd thought it'd be hard, but actually I found it all quite What did you think about diet and OK, I Do you remember what they told us about pet food and the fact that there's limited checking into whether or not it's contaminated? I mean in comparison	Q27 Q28
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tim: diana: tim: diana: tim: tim:	comments, apparently. Shall we do that OK. So medical Well, my heart sank when I saw that, especially right at the beginning of course. And I did struggle with I'd thought it'd be hard, but actually I found it all quite What did you think about diet and OK, I Do you remember what they told us about pet food and the fact that there's limited checking into whether or not it's contaminated? I mean in comparison the checks on food for humans — I thought that was Mm. I think the module that really impressed me was the animal disease when we looked at domesticated animals in different parts of the world, camels and water buffalo and alpaca. The economies of so many depend on these, but scientists don't know much about the diseases that them Yes, I thought they'd know a lot about ways of controlling and eradicating diseases, but that's not the case at I loved the wildlife medication unit. Things like helping birds that have caught in oil spills. That's something I hadn't thought about	Q28 Q29

PART 4

Labyrinths have existed for well over 4,000 years. Labyrinths and labyrinthine symbols been found in regions as diverse as modern-day Turkey, Ireland, Greece, and India. are various designs of labyrinth but what they all have in common is a winding spiral which leads to a central area. There is one starting point at the entrance and the goal is reach the central area. Finding your way through a labyrinth involves many twists and but it's not possible to get lost as there is only one single

In modern times, the word labyrinth has taken on a different meaning and is often used	
a synonym for a maze. A maze is quite different a <u>s it is a kind of puzz</u> le with an	Q31
network of paths. Mazes became fashionable in the 15th and 16th centuries in	
and can still be found in the gardens of great houses and palaces. The paths are	
surrounded by thick, high hedges so that it's not possible to see over them. Entering a	
usually involves getting lost a few times before using logic to work out the pattern and	Q32
your way to the centre and then out again. There are lots of dead ends and paths which	
you back to where you started. The word 'maze' is believed to come from a	Q33
word for a state of confusion. This is where the word 'amazing' comes	
and the second s	

Q34

Q35

Q36

Q37

Q39

Q40

Labyrinths, on the other hand, have a very different function. Although people now often to things they find complicated as labyrinths, this is not how they were seen in the past. winding spiral of the labyrinth has been used for centuries as a metaphor for life's journey. served as a spiritual reminder that there is purpose and meaning to our lives and helped give people a sense of direction <u>Labyrinths are thought to encourage a feeling of calm</u> have been used as a meditation and prayer tool in many cultures over many

The earliest examples of the labyrinth spiral pattern have been found carved into stone, Sardinia to Scandinavia, from Arizona to India to Africa. In Europe, these spiral date from the late Bronze Age. The Native American Pima tribe wove baskets with a labyrinth design that depicted their own cosmology. In Ancient Greece, the labyrinth was used on coins around four thousand years ago. Labyrinths made of mosaics commonly found in bathhouses, villas and tombs throughout the Roman

In Northern Europe, there were actual physical labyrinths designed for walking on. were cut into the turf or grass, usually in a circular pattern. The origin of these labyrinths remains unclear, but they were probably used for fertility rites which may date thousands of years. Eleven examples of turf labyrinths survive today, including the one at Saffron Walden, England, which used to have a large tree in the middle of

More recently labyrinths have experienced something of a revival. Some believe walking a labyrinth promotes healing and mindfulness, and there are those who believe its emotional and physical benefits, which include slower breathing and a restored sense Q38 balance and perspective. This idea has become so popular that labyrinths have been laid the floors of spas, wellness centres and even prisons in recent

A pamphlet at Colorado Children's Hospital informs patients that 'walking a labyrinth often calm people in the midst of a crisis'. And apparently, it's not only patients who Many visitors find walking a labyrinth less stressful than sitting in a corridor or waiting Some doctors even walk the labyrinth during their breaks. In some hospitals, patients can't walk can have a paper 'finger labyrinth' brought to their bed. The science behind theory is a little sketchy, but there are dozens of small-scale studies which support about the benefits of labyrinths. For example, one study found that walking a provided 'short-term calming, relaxation, and relief from anxiety' for Alzheimer's

So, what is it about labyrinths that makes their appeal so universal?

TEST 2

PART 1

frank :	Is the library purpose-built? I haven't noticed it when I've walked	
jane : frank :	Oh Is the library purpose-built? I haven't noticed it when I've walked	
Halik .	the	
jane :	No, we simply have the use of a room in the village hall, the West Room. It's	Q3
	the left as you go	
frank :	I must go and have a look inside the	
jane :	Yes, it's a nice	
frank :	Do you run a lunch club in the village for elderly people? I know a lot of places	
jane :	Yes, we have a very successful	
frank :	I could help with <u>transpor</u> t, if that's of any	Q4
jane :	Ooo definitely. People come to the club from neighbouring villages, and	
frank *	always in need of more And does the club have groups that focus on a particular hobby, too? I could	
frank :	involved in one or two, particularly if there are an <u>y a</u> rt	Q5
jane :	Excellent. I'll find out where we need help and get back to	QU
frank :	Fine. What about help for individual residents. Do you arrange that at	
	Yes, we do it as a one-off. In fact, there's Mrs Carroll. She needs a lift to	
jane :	hospital next week, and we're struggling to find	Q6
frank :	When's her	40
jane :	On Tuesday. It would take the whole	
frank :	I could do	
	Oh, that would be great. Thank you. And also, next week, we're arranging	
jane :		
	have some work done to Mr Selsbury's house before he moves, as he	
	healthy enough to do it himself. We've got some people to decorate his	0.7
	but if you could do some weeding in his garden, that would be	Q7
frank :	OK. I'd enjoy that. And presumably the day and time are	
jane :	Oh yes. Just say when would suit you best, and we'll let Mr Selsbury	
frank :	Good	
frank .	Good	
jane :	The volunteers group also organises monthly social events, which is a great	
-	to meet other people, of	

frank :	Uhuh	
jane :	So next month, on the 19th of October, we're holding a quiz – a couple	Q8
	residents are great at planning unusual ones, and we always fill the village	
frank :	That sounds like fun. Can I do anything to	
jane :	Well, because of the number of people, we need plenty of refreshments	
	halfway through. So, if you could provide any, we'd be	
frank :	I'm sure I could. I'll think about what to make, and let you	
jane :	Thank you. Then on November the 18th, we're holding a dance, also in	
	village hall. We've booked a band that specialises in music of the 1930s –	
	been before, and we've had a lot of requests to bring them	
frank :	I'm not really a dancer, but I'd like to do something to	
jane :	Well, we sell tickets in advance, and having an extra person to check them at	Q9
,	door, as people arrive, would be good – it can be quite a bottleneck if	-10
	arrives at	
frank :	OK, I'm happy with	
	7 112	
jane :	We're also arranging a New Year's Eve party. We're expecting that to be a	
	big event, so instead of the village hall, it'll be held in the Mountfort	
frank :	The	
jane :	Mountfort. M-O-U-N-T-F-O-R-T Hotel. It isn't in Southoe itself, but it's only	
	couple of miles away. The hotel will be providing dinner and we've booked	
	band. The one thing we haven't got yet is a poster. That isn't something	Q10
	could do, by any chance, is	
frank :	Well actually, yes. Before I retired I was a graphic designer, so that's right up my	
jane :	Oh perfect! I'll give you the details, and then perhaps you could send me a	
•		
frank :	Of	

PART 2

Good morning, and welcome to Oniton Hall, one of the largest estates in the area. My Nick, and I'm one of the guides. I'll give you a brief introduction to the estate while sitting down, and then we'll walk

The estate consists of the house, gardens, parkland and farm, and it dates back to fourteenth century. The original house was replaced in the late seventeenth century, and course it has had a large number of owners. Almost all of them have left their mark, by adding new rooms, like the ballroom and conservatory, or by demolishing others. The looks much as it's always done, although the current owner has done a great deal of work the flower beds.

In the seventeenth century, the estate was owned by a very wealthy man called Sir Downes. His intention was to escape from the world of politics, after years as an politician, and to build a new house worthy of his big collection of books, paintings sculptures. He broke off contact with his former political allies, and hosted meetings creative and literary people, like painters and poets. Unusually for his time, he didn't whether his guests were rich or poor, as long as they had

Big houses like Oniton had dozens of servants until the 1920s or 30s, and we've tried show what their working lives were like. Photographs of course don't give much of an idea, instead, as you go round the house, you'll see volunteers dressed up as nineteenth-servants, going about their work. They'll explain what they're doing, and tell you their or what tools they're using. We've just introduced this feature to replace the audio guide used to have available.

I see there are a number of children here with you today. Well, we have several specially for children, like dressing up in the sorts of clothes that children wore in the and as it's a fine day, some of you will probably want to play in the adventure playground. latest addition is child-sized tractors, that you can drive around the	Q14
We'll also be going into the farm that's part of the estate, where there's plenty to do. Most the buildings date from the eighteenth century, so you can really step back into an past	
Until recently, the dairy was where milk from the cows was turned into cheese. It's now place to go for lunch, or afternoon tea, or just a cup of coffee and a slice of homemade	Q15
The big stone building that dominates the farm is the large barn, and in here is our of agricultural tools. These were used in the past to plough the earth, sow seeds, make and much	Q16
There's a small barn, also made of stone, where you can groom the donkeys and horses, keep their coats clean. They really seem to enjoy having it done, and children love them.	Q17
The horses no longer live in the stables, which instead is the place to go to buy gifts, our own jams and pickles, and clothes and blankets made of wool from our	Q18
Outside the shed, which is the only brick building, you can climb into a horse-drawn carriage a lovely, relaxing tour of the park and farm. The carriages are well over a hundred years	Q19
And finally, the parkland, which was laid out in the eighteenth century, with a lake and that are now well established. You'll see types of cattle and sheep that are hardly ever on farms these days. We're helping to preserve them, to stop their numbers falling	Q20
OK, well if you'd like to come with	

PART 3

gemma:

ed:	Did you make notes while you were watching the performances of <i>Romeo Juliet</i> ,
gemma:	Yes, I did. I found it quite hard though. I kept getting too involved in the
ed:	Me too. I ended up not taking notes. I wrote down my impressions
	got home. Do you mind if I check a few things with you? In case I've
	anything. And I've also got some questions about our
gemma:	No, it's good to talk things through. I may have missed things
ed:	OK great. So first of all, I'm not sure how much information we should include
	our
gemma:	Right. Well, I don't think we need to describe what happens. Especially
	Romeo and Juliet is one of Shakespeare's most well-known
ed:	Yeah, everyone knows the story. In an essay we'd focus on the poetry
	Shakespeare's use of imagery etc., but that isn't really relevant in a review. supposed to focus on how effective this particular production

Mmm. We should say what made it a success or a

ed:	And part of that means talking about the emotional impact the performance on us. I think that's	Q21/22
gemma:	Yes. And we should definitely mention how well the director handled bits of the play – like when Romeo climbs onto Juliet's	Q21/22
ed: gemma:	And the fight between Mercutio and Yes. It would also be interesting to mention the theatre space and how	
ed:	director used it but I don't think we'll have space in 800 No. OK. That all sounds quite	
ed:	So what about The Emporium Theatre's production of the	
gemma:	I thought some things worked really well but there were some problems Yeah. What about the set, for	
ed: gemma:	I think it was visually really stunning. I'd say that was probably the	Q23
genina .	memorable thing about this	QZO
ed:	You're right. The set design was really amazing, but actually I have seen	
	ideas used in other	
gemma:	What about the lighting? Some of the scenes were so dimly lit it was quite	
	to	00.4
ed:	I didn't dislike it. It helped to change the mood of the quieter	Q24
gemma:	That's a good	
ed:	What did you think of the	005
gemma:	Lwas a bit surprised by the contemporary dress, I must	Q25
ed:	Yeah – I think it worked well, but <u>I had assumed it would be more</u> Me too. I liked the music at the beginning and I thought the musicians	
gemma:	brilliant, but I thought they were wasted because the music didn't have	Q26
	impact in Acts 2 and	
ed:	Yes – that was a	
gemma:	One problem with this production was that the actors didn't deliver the lines well. They were speaking too	Q27
ed:	It was a problem I agree, but I thought it was because they weren't	
	loudly enough – especially at key points in the	
gemma:	I actually didn't have a problem with	
ed:	It's been an interesting experience watching different versions of <i>Romeo Juliet</i> , hasn't	
gemma:	Definitely. It's made me realise how relevant the play still	
ed:	Right. I mean a lot's changed since Shakespeare's time, but in many	000
	nothing's changed. There are always disagreements and tension	Q28
_	teenagers and their	
gemma:	Yes, that's something all young people can relate to – more than the violence the extreme emotions in the	
ed:	How did you find watching it in	
gemma:	Really interesting. I expected to find it more challenging, but I could follow	
g	story pretty	
ed:	I stopped worrying about not being able to understand all the words and	
	on the actors' expressions. The ending was pretty	Q29
gemma:	Yes. That somehow intensified the emotion for	
ed:	Did you know Shakespeare's been translated into more languages than	
	other	
gemma:	What's the reason for his international appeal, do you	
ed:	I was reading that it's because his plays are about basic themes that everywhere are familiar	

gemma: Yeah, and they can also be understood on different levels. The characters

Q30

Q33

Q36

Q37

such

ed: Right – which allows directors to experiment and find new

gemma: That's really important

PART 4

Right, everyone, let's make a start. Over the past few sessions, we've been considering reasons why some world languages are in decline, and today I'm going to introduce factor that affects languages, and the speakers of those languages, and that's and, in particular, digital technology. In order to illustrate its effect, I'm going to focus on Icelandic language, which is spoken by around 321,000 people, most of whom live in — an island in the North Atlantic

The problem for this language is not the number of speakers — even though this is small. Nor is it about losing words to other languages, such as English. In fact, Q32 vocabulary of Icelandic is continually increasing because when speakers need a new for competing, they tand to greate one rether than betrowing from another language.

is small. Nor is it about losing words to other languages, such as English. In fact, vocabulary of Icelandic is continually increasing because when speakers need a new for something, they tend to create one, rather than borrowing from another language. All makes Icelandic quite a special language – it's changed very little in the past yet it can handle twenty-first-century concepts related to the use of computers and technology. Take, for example, the word for web browser ... this is *vafri* in Icelandic, comes from the verb 'to wander'. I can't think of a more appropriate term because exactly what you do mentally when you browse the internet. Then there's an Icelandic for podcast – which is too hard to pronounce! And so

Icelandic, then, is alive and growing, but – and it's a big but – young Icelanders spend great deal of time in the digital world and this world is predominantly English. Think ______ smartphones. They didn't even exist until comparatively recently, but today young people them all the time to read books, watch TV or films, play games, listen to music, and so Obviously, this is a good thing in many respects because it promotes their bilingual skills, the extent of the influence of English in the virtual world is staggering and it's all really fast.

For their parents and grandparents, the change is less concerning because they have their native-speaker skills in Icelandic. But for young speakers — well, the outcome is little troubling. For example, teachers have found that playground conversations in secondary schools can be conducted entirely in English, while teachers of much children have reported situations where their classes find it easier to say what is in a using English, rather than Icelandic. The very real and worrying consequence of all this is the young generation in Iceland is at risk of losing its mother

Of course, this is happening to other European languages too, but while internet might be willing to offer, say, French options in their systems, it's much harder for to justify the expense of doing the same for a language that has a population the size a French town, such as Nice. The other drawback of Icelandic is the grammar, which significantly more complex than in most languages. At the moment, the tech giants are not interested in tackling.

So, what is the Icelandic government doing about this? Well, large sums of money are allocated to a language technology fund that it is hoped will lead to the development Icelandic sourced apps and other social media and digital systems, but clearly this is going be an uphill

On the positive side, they know that Icelandic is still the official language of education government. It has survived for well over a thousand years and the experts predict that future in this nation state is sound and will continue to be so. However, there's no doubt it's becoming an inevitable second choice in young people's

This raises important questions. When you consider how much of the past is tied up a language, will young Icelanders lose their sense of their own identity? Another that concerns the government of Iceland is this. If children are learning two through different routes, neither of which they are fully fluent in, will they be able to themselves properly?

Q39 Q40

TEST 3

PART 1

woman : jack :	Jack, I'm thinking of taking the kids to the seaside on a surfing holiday summer and I wanted to ask your advice – as I know you're such an Well, I don't know about that, but yes, I've done a bit of surfing over the years. thoroughly recommend it. I think it's the kind of holiday all the family can together. The thing about surfing is that it's great for all ages and all abilities. youngest started when he was only	Q1
woman :	Wow! But it's quite physically demanding, isn't it? I've heard yo <u>u need to pretty</u>	Q2
jack :	Yes. You'll certainly learn more quickly and won't tire as	
woman :	Well – that should be OK for us. You've been surfing a few times in	
	haven't	
jack :	Yes. There's some great surfing there, which people don't always	
woman:	And which locations would you recommend? – there seem to be quite a	
jack :	Yes, there are loads. Last year we went to County Donegal. There are great places to surf	
woman .	What about in County Clare? I read that's also really good for	
woman :	Yes, it is. I've been there a few times. Most people go to Lahinch. My kids love	
jack :	there. The waves aren't too challenging and the town is very	
woman :	Are there good hotels	Q3
jack :	Yes – some very nice ones and there are also a few basic hostels and	
	It's great if you need lessons as the surf schools are	
woman:	Sounds	
jack :	Yes and there's lots to see in the area – like those well-known cliffs –	
	forgotten the name of	
woman:	Oh don't worry – I can look them	
jack :	I've also been surfing in County Mayo, which is less well-known for	
	but we had a really good time. That was a few years ago when the kids	0.4
	younger. There's a good surf school at Carrowniskey	Q4
woman :	How do you spell	
jack :	C-A-double R-O-W-N-I-S-K-E-	
woman :	OK	
jack :	I put the kids into the surf camp they run during the summer for 10–16 year	
woman :	Oh right. How long was that	
jack :	Three hours every day <u>for a wee</u> k. It was perfect – they were so tired out that	Q5
woman :	l can	
jack :	One thing we did while the kids were surfing was to rent some kayaks to	Q6
jaok .	look around the bay which is nearby. It's really	QU
woman :	Oh, I'd love to do	
woman .	O11, 1 a 1070 to do	
woman :	Now the only time I went to Ireland it rained practically every	
jack :	Mmm yes – that can be a problem – but you can surf in the rain, you	
woman :	It doesn't have the same appeal,	
jack :	Well, the weather's been fine the last couple of years when I've been	
	but actually, it tends to rain more in August than in the spring or	
	September's my favourite month because the water is warmer	Q7

woman: The only problem is that the kids are back to school

jack: I know. But one good thing about Irish summers is that it doesn't get *too*

The average temperature is about 19 degrees and it usually doesn't go

25

woman: That sounds alright. Now what about

jack: Surfing is a pretty cheap holiday really – the only cost is the hire of

You can expect to pay a daily rate of about 30 euros for the hire of a wetsuit Q9

Q8

Q10

Q11/12

Q11/12

Q13

Q14

Q15

board – but you can save about 40 euros if you hire by the

woman: That's not too

jack: No. It's important to make sure you get good quality wetsuits – you'll all get

cold if you don't. And make sure you also get boots. They keep your feet

and it's easier to surf with them on

woman: OK. Well, thanks very

PART 2

Good afternoon. My name's Mrs Carter and I run the before and after school extended childcare service. I hope you've had a chance to have a good look around the school and to staff and pupils. I know that many of you are interested in using our childcare service your child joins the school, and perhaps you already know something about it, but for that don't, I'll go through the main details

We offer childcare for children from the ages of four to eleven both before and after know that many parents who work find this service invaluable. You can leave your child us safe in the knowledge that they will be extremely well cared

We are insured to provide care for up to 70 children, although we rarely have this attending at any one session. I think we generally expect around 50–60 children for afternoon sessions and about half that number for the breakfast sessions. Although currently do have 70 children registered with us, not all of these attend every day. It's years since we began offering an extended hours service and we've come a long way that time. When we first opened, we only had about 20 children attending

We try to keep our costs as low as we can and we think we provide very good value money. For the afternoon sessions, which run from 3.30 until 6 p.m., it's £7.20. But if prefer, you can pay for one hour only, which costs £3.50, or two hours which costs

The cost of the childcare includes food and snacks. They'll be given breakfast in the and in the afternoon, a healthy snack as soon as they finish school. At 5 p.m. children given something more substantial, such as pasta or a casserole. Please inform us of allergies that your child might have and we'll make sure they're offered a suitable

As you may know, the childcare service runs through the school holidays from 8 a.m. 6 p.m. We offer a really varied and exciting programme to keep the children entertained – don't want them to feel as if they are still at school! It will also feel different because get the chance to make new friends with children from other schools – spaces are for them because a lot of our term-time children don't always attend during the holiday. In past, parents have asked if children over the age of 11 are allowed to come with their brothers and sisters – but I'm afraid we're unable to do this because of the type of we

So now let me tell you about some of the activities that your child can do during the school sessions. As well as being able to use the playground equipment, computers

the library, there is usually at least one 'special' activity that children can do each day. example, Spanish. We have a specialist teacher coming in every Thursday to give a introduction to the language through games and songs. She does two sessions: one for over 8s and one for the younger children. This is the only activity which we have to make Q16 extra charge for - but it's well worth Once a week the children have the opportunity to do some music. We're very lucky that of our staff is a member of a folk band. On Mondays, she teaches singing and percussion Q17 groups of children. We do rely on parental support for this, so if any of you sing or play instrument and would be prepared to help out at these sessions, we'd be Painting continues to be one of the most popular activities. To begin with we weren't Q18 on offering this because of the extra mess involved, but children kept asking if they could some art and so we finally gave in. Art is great for helping the children to relax after hard at school all Yoga is something that we've been meaning to introduce for some time but haven't been Q19 to find anyone available to teach it - until now that is. So we'll see how this goes. children will benefit in all sorts of ways from Cooking is another popular activity. They make a different sort of cake, or pizza or each week. Although the younger children love doing it, we found that the mess was just much, so we've decided to restrict this to the over 8s, as they are better able to clean up Q20 themselves

PART 3

holly	:	Hello Dr Green – I'm here to talk to you about my work	
tutor	:	Oh yes, it's Holly, isn't	
holly	:	Yes	
tutor	:	So, which work placement have you	
holly	:	I decided to go for the Orion Stadium placement. The event I'll be managing one where I'm helping to set up a sports competition for primary school	
tutor	:	Yup. That's always a popular placement – even though it can be tougher you think working with	
holly	:	I know, but it's the fresh air that attracts me – organising something doesn't have the same appeal, even though it might be	Q21
tutor	:	OK, so obviously safety's going to be one of your key concerns for this	
holly	:	Yes, I've already thought about that. I'll need to make sure none of equipment's	
tutor	:	Ah well, you'll be working with schools, so the equipment will be responsibility. However, the grounds and what goes on there will be	
holly	:	Oh I see – that'll include keeping everyone within the boundary once they're their kit and on the	Q22
tutor	:	Exactly – you'll need to inspect areas like changing rooms as well for someone can trip over, but your main priority will be not to lose	
holly	:	Right. I'll need staff to help with	
tutor	:	And don't forget about the	
holly	:	Mmm. I was thinking that many of them will be parents, who could help run event	
tutor	:	I wouldn't rely on that. They'll be more interested in filming their children volunteering	
holly	:	I'll need to make sure they don't interfere with events doing	

tutor	:	And that's not always easy, especially when a proud parent's trying to get a	Q23
		of their child and you want them to move	
holly	:	OK. What about the	
tutor	:	With sporting events there are all sorts of things that can alter the timetable –	
		rain, for instance – though so far, we've always been lucky with	
holly	:	Yeah, and I was thinking about what to do if someone got hurt as well. I	Q2 <i>4</i>
		that last year that caused a terrible	
tutor	:	You have to be prepared for such	
holly	:	Oh. What if a match ends in a draw – do you let the teams keep going	
		someone	
tutor	:	That'll be up to you – and again, you need to plan for	
holly	:	Right	
tutor	:	Now, the aim of your work placement is to give you the opportunity to develop	
		skills that an events manager needs. So, let's talk about those a	
holly	:	Well, I think my communication skills are pretty good. I can talk on the phone	
		people and book venues and that kind of	
tutor	:	Good – just remember it isn't only about what you say. If you meet	Q25
		face-to-face and want to persuade them to be a sponsor, for	
holly	:	Oh, I'll dress up for that!	
tutor	:	Good. Let's go on to think about your organisational skills. You're working in	
		very people-based industry and that means things won't always go to	
holly	:	I guess it's being prepared to make changes that	Q26
tutor	:	That's right. You may have to make an on-the-spot change to a	
		because of a problem you hadn't	
holly	:	just do it!	
tutor	:	How's your time management these	
holly	:	I'm working on it – I'm certainly better when I have a deadline, which is why	
		work suits	
tutor	:	Yes, but <u>it's how you respond as that deadline</u>	Q27
holly	:	I know I've got to look calm even if I'm in a	
tutor	:	Just think to yourself – no one must know I'm under	
holly	:	Yeah – even though I'm multi-tasking like	
tutor	:	Another skill that events managers need is creativity. Often your client has	
		we call the 'big picture' idea, but it's up to the events manager to think of all	Q28
		fine points that go to making it	
holly	:	Right, so I need to listen carefully to that idea and then fill in all the	
tutor	:	That's right. And you'll have a team working under you, so another key skill	
		leadership. Your team may have lots of ideas too, but you've got to make	
		ultimate choices. Do we have refreshments inside or out, for	
holly	:	Isn't it better to be	
tutor	:	It's a nice idea, but you have the ultimate responsibility. So, believe in what	Q29
		think best. Be prepared to say 'yes', that's a good idea but it won't work	
holly	:	I see what you mean. What about the networking side of things? I know it's	
		area that a lot of students worry about because we don't have much	
		to offer	
tutor	:	But even without it – you can still be an interesting person with useful ideas.	
		the more people you impress, the	
holly	:	I guess <u>that will help me when I apply for a real</u>	Q30
tutor	:	Exactly – think ahead – remember what your ambitions are and keep them	
		mind	
holly	:	Definitely	

PART 4

Scientists believe that a majority of the earth's bird population migrate in some fashion other. Some travel seasonally for relatively short distances, such as birds that move their winter habitats in lowlands to mountain tops for the summers. Others, like the Tern, travel more than 25,000 miles seasonally between the northern and southern Bird migration has been studied over many centuries through a variety of

But until relatively recently, where birds went to in the winter was considered something a mystery. The lack of modern science and technology led to many theories that we recognize as error-filled and even somewhat amusing. Take hibernation theory for - two thousand years ago, it was commonly believed that when birds left an area, they underwater to hibernate in the seas and oceans. Another theory for the regular Q31 and disappearance of birds was that they spent winter hidden in mud till the weather and food became abundant again. The theory that some birds hibernate persisted experiments were done on caged birds in the 1940s which demonstrated that birds have hibernation One of the earliest naturalists and philosophers from ancient Greece was Aristotle was the first writer to discuss the disappearance and reappearance of some bird species certain times of year. He developed the theory of transmutation, the seasonal change of species into another, by observing redstarts and robins. He observed that in the Q32 small birds called 'redstarts' began to lose their feathers, which convinced Aristotle that changed into robins for the winter, and back into redstarts in the summer. These Q33 are understandable given that this pair of species are similar in shape, but are a example of an incorrect interpretation based on correct The most bizarre theory was put forward by an English amateur scientist, Charles Q34 in the seventeenth century. He wrote a surprisingly well-regarded paper claiming that migrate to the moon and back every year. He came to this conclusion as the only explanation for the total disappearance of some One of the key moments in the development of migration theory came in 1822 when a stork was shot in Germany. This particular stork made history because of the long spear Q35 its neck which incredibly had not killed it - everyone immediately realised this spear definitely not European. It turned out to be a spear from a tribe in Central Africa. This a truly defining moment in the history of ornithology because it was the first evidence Q36 storks spend their winters in sub-Saharan Africa. You can still see the 'arrow stork' in Zoological Collection of the University of Rostock in People gradually became aware that European birds moved south in autumn and north summer but didn't know much about it until the practice of catching birds and putting on their legs became established. Before this, very little information was available about Q37 actual destinations of particular species and how they travelled there. People speculated larger birds provided a kind of taxi service for smaller birds by carrying them on their This idea came about because it seemed impossible that small birds weighing only a Q38 grams could fly over vast oceans. This idea was supported by observations of bird

Sử dụng cùng Collins Grammar, Collins Vocabulary, 15 Day's Practice for IELTS để có hiệu quả tốt nhất.

such as the harassment of larger birds by smaller

The development of bird ringing, by a Danish schoolteacher, Hans Christian

Mortensen, made many discoveries possible. This is still common practice today and upon what is known as 'recovery' – this is when ringed birds are found dead in the place have migrated to, and identified. Huge amounts of data were gathered in the early part of twentieth century and for the first time in history people understood where birds actually to in winter. In 1931, an atlas was published showing where the most common species

European birds migrated to. More recent theories about bird

PART 1

jacinta	:	Hello, Easy Life Cleaning Services, Jacinta	
client	:	Oh hello. I'm looking for a cleaning service for my apartment – do you domestic	
jacinta	:	Sure	
client	:	Well, it's just a one-bedroom flat. Do you have a basic cleaning	
jacinta	:	Yes. For a one-bedroom flat we're probably looking at about two hours for clean. So we'd do a thorough clean of all surfaces in each room, and polish where necessary. Does your apartment have	
client	:	No, I don't have any, but the floor would need	Q1
jacinta	:	Of course – <u>we'd do that in every room</u> . And we'd do a thorough clean of kitchen and	
client	:	OK	
jacinta	:	Then we have some additional services which you can request if you want – for example, we can clean your oven for you every	
client	:	Actually, I hardly ever use that, but can you do the	Q2
jacinta	:	Sure. Would you like that done every	
client	:	Yes, definitely. And would ironing clothes be an additional service you can	
jacinta	:	Yes, of	
client	:	It wouldn't be much, just my shirts for work that	Q3
jacinta	:	That's fine. And we could also clean your microwave if you	
client	:	No, I wipe that out pretty regularly so there's no need for	
jacinta	:	We also offer additional services that you might want a bit less often, say month. So for example, if the inside of your windows need cleaning, we do	Q4
client	:	Yes, that'd be good. I'm on the fifteenth floor, so the outside gets done by specialists, but the inside does get a bit	
jacinta	:	And we could arrange for your curtains to get cleaned if	
client	:	No, they're OK. But would you be able to do something about the balcony? quite small and I don't use it much, but it could do with a wash every month or	Q5
jacinta	:	Yes, we can get the pressure washer onto	
jacinta	:	Now if you're interested, we do offer some other possibilities to do with maintenance. For example, if you have a problem with water and you need plumber in a hurry, we can put you in touch with a reliable one who can come straightaway. And the same thing if you need an	Q6
client	:	Right. That's good to know. I've only just moved here so I don't have any of sorts of	
jacinta	:	And I don't know if this is of interest to you, but we also offer a special cleaning system which can improve the indoor air quality of your home capturing up to 99% of all the dust in the air. So if you're troubled by this can make a big	Q7
client	:	Right. In fact, I don't have that sort of problem, but I'll bear it in mind. Now you tell me a bit about your cleaning	

jacinta : Of course. So all our cleaners are very carefully selected. When they apply us, they have to undergo a security check with the police to make sure Q8 don't have any sort of criminal background, and, of course, they have to references as well. Then if we think they might be suitable for the job, we Q9 them training for it. That lasts for two weeks so it's very thorough, and at the of it, they have a test. If they pass that, we take them on, but we monitor very carefully – we ask all our clients to complete a review of their Q10 after every visit and to email it to us. So we can pick up any straightaway and deal with OK, well that all sounds good. And will I always have the same client Yes, we do our best to organise it that way, and we usually manage iacinta : Good. That's fine. Right, so I'd like to go ahead client : PART 2 As many of you here today have worked in the hotel industry for some time, I'm sure have experienced the problem of high staff turnover in your hotels. Every hotel relies having loyal and experienced members of staff who make sure that everything runs If staff are constantly changing, it can make life difficult for everyone. But why do staff frequently in many hotels? Of course, many hotel jobs, such as cleaning, are low-skilled are not well-paid. A lot of managers think it's this and the long hours that are the main of high staff turnover – but what they don't realise is that it's the lack of training in many Q11 iobs which is a huge So, what kind of problems does a high turnover of staff cause? Well, having to recruit Q12 staff all the time can be very time-consuming, and managers may have to cover some while waiting for new staff to arrive. This means they don't have time to think about immediate problems such as how to improve their service. When staff leave, it can severely affect the colleagues they leave behind. It has a negative effect on remaining who may start to feel that they too should be thinking about So, what can be done to change this situation? Firstly, managers should stop making errors which leave their staff feeling upset and resentful. When organising shifts, for Q13 make sure you never give certain staff preferential treatment. All staff should be some choice about when they work, and everyone should have to work some evening weekend shifts. If you treat staff fairly, they'll be more likely to step in and help when staff are needed. Keeping staff happy has other tangible benefits for the business. Take the Dunwich as an example. It had been experiencing a problem with staff complaints and in order

Now I'd like to look at some ways you can reduce staff turnover in your hotels, and I'll do by giving some examples of hotels where I've done some training

deal with this, invested in staff training and improved staff conditions. Not only did the

of complaints fall, but they also noticed a significant increase in the amount each spent during their stay. They have now introduced a customer loyalty scheme which is

really

Q14

Q15

The Sun Club received feedback which showed that staff thought managers didn't value opinions. They weren't made to feel they were partners who were contributing to the of the business as a whole. This situation has changed. Junior staff at all levels are invited to meetings where their ideas are

A year ago, The Portland recognised the need to invest in staff retention. Their first was to introduce a scheme for recognising talent amongst their employees. The hope is organising training for individuals with management potential will encourage them to stay the	Q16
At Bluewater, managers decided to recognise 50 high achievers from across the huge hotel chain. As a reward, they're sent on an all-expenses-paid trip abroad every Fun is an important element in the trips, but there's also the opportunity to learn useful. This year's trip included a visit to a brewery, where staff learned about the new that would be served in the	Q17
Pentlow Hotels identified that retention of junior reception staff was an issue. In order encourage them to see that working in a hotel could be worthwhile and rewarding, with prospects, they introduced a management programme. These staff were given responsibilities and the chance to work in various roles in the	Q18
Green Planet wanted to be seen as a caring employer. To make life easier for staff, many whom had childcare responsibilities, the hotel began issuing vouchers to help cover the of childcare.	Q19
Louise Marsh at The Amesbury has one of the best staff retention rates in the Since she joined the company, she has made a huge effort to achieve this by creating co-operative and supportive environment. For her, the staff are part of a large family everyone is valued.	Q20
OK, now I'd like	

PART 3

jeanne :	Hi Thomas, how are you enjoying the course so	
thomas :	Yeah, I think it's	
jeanne :	Remind me – why did you decide to study sports science? Didn't you want to	
	a professional athlete when you were at	
thomas :	Yeah – that was my goal, and all my classmates assumed I would achieve it;	Q21/22
	thought I was	
jeanne :	That must have been a nice	
thomas :	Mm, I thought I could win anything. There was no one who could run	
	than	
jeanne :	Exactly – so what happened? Did your mum and dad want you to be	
	'academic'	
thomas :	Not at all. Perhaps they should have pushed me harder,	Q21/22
jeanne :	What do you	
thomas :	I think I should have practised	
jeanne :	What makes you say	
thomas :	Well, I went out to Kenya for a couple of weeks to	
jeanne :	Really! I didn't know	
thomas :	I was chosen to go there out of loads of kids and run with some of the	
	teenage athletes in the world. And I was so calm about it. Ljust kept	Q23/24
	how fortunate I was. What a great chance this was! Everyone back home was	
	proud of me. But once we started competing, I very quickly realised I wasn't	
	enough	
jeanne :	That must have been a huge	
thomas :	I thought 'this can't be happening'! I was used to	Q23/24

jeanne : thomas :	I'm sorry to hear that. It's OK. I'm over it now and I think it's much better to do a university course	
jeanne :	this one has such a variety of sports-related areas. It's going to be Oh, I agree – I chose it because of	
thomas :	So Jeanne – have you thought of any ideas for the discussion session next on technology and	
jeanne :	We have to cover more than one sport, don't	
thomas :	Yeah	
jeanne :	You know – we always think technology is about the future, but we could some ideas about past developments in	
thomas :	Look at early types of equipment Uh, I remember reading something about table tennis bats once – how ended up being covered with pimpled	
jeanne :	Cos they were just wooden at first, I'd	
thomas :	Yeah. In about the 1920s, a factory was making rolls of the rubber in bulk something like horse	Q25
jeanne :	Really	
thomas :	Yeah – and someone realised that it'd make a perfect covering for the	
jeanne :	bats So what about cricket – that's had a few innovative changes. Maybe the they wear on their	
thomas :	I don't think they've changed much but, I'm just looking on the internet and	
momas .	says that when the first cricket helmet came in, in 1978, the Australian	Q26
	who first wore it was booed and jeered by people watching because it was	QZU
	ugly	
ioonno .	• •	
jeanne :	Wow, players have to protect themselves from getting hurt! I mean wears one	
thomas .	Mm, unlike the cycle	
thomas :		
jeanne :	Well, unless you're a professional, but you're right, many ordinary bikers	
thomas .	Wear a	
thomas :	Hey, look at these pictures of original helmet designs. This one looks like upside-down	
jeanne :	Yet, the woman's laughing – she's so proud to be wearing	007
thomas :	It says serious cyclists ended up with wet hair from all the hard	Q27
jeanne :	I guess that's why they have large air vents in them now so that the skin	
	breathe more	
thomas :	OK, so we've done helmets. What about golf balls or better still golf clubs	
	they've changed a	
jeanne :	Yeah – I remember my great grandfather telling me that because a club made entirely of wood, it would easily break and players had to get	Q28
thomas :	There's no wood at all in them now, is	
jeanne :	No – they're much more	
thomas :	The same must be true of hockey	
jeanne :	I don't think so because players still use wooden sticks today. What it does	000
	here, though, is that when the game started you had to produce a stick	Q29
thomas :	I guess they just weren't being manufactured. So, one more perhaps. What football	
jeanne :	Well, I know the first balls were made of animal	
thomas :	Yeah, they covered them with pieces of leather that were stitched together,	
	the balls let in water when it	
jeanne :	Oh, that would have made them much	

thomas : That's right. You can imagine the damage to players' necks when the ball Q30

<u>headed</u>

jeanne: How painful that must have

thomas: Yeah, well, I think we can put together some useful

PART 4

Hello everyone. Today we're going to look at another natural food product and that's syrup. What is this exactly? Well, maple syrup looks rather like clear honey, but it's not by bees; it's produced from the plant fluid – or sap – inside the maple tree and that maple syrup a very natural product. Maple syrup is a thick, golden, sweet-tasting liquid can be bought in bottles or jars and poured onto food such as waffles and ice cream or in the baking of cakes and pastries. It contains no preservatives or added ingredients, provides a healthy alternative to refined

Q31

Q32

Q33

Q34

Q35

Q36

Q37

Let's just talk a bit about the maple tree itself, which is where maple syrup comes from. there are many species of maple tree, and they'll grow without fertilizer in areas where plenty of moisture in the soil. However, they'll only do this if another important criterion fulfilled, which is that they must have full or partial sun exposure during the day and very nights – and I'll talk more about that in a minute. There are only certain parts of the world provide all these conditions: one is Canada, and by that, I mean all parts of Canada, and other is the north-eastern states of North America. In these areas, the climate suits the perfectly. In fact, Canada produces over two-thirds of the world's maple syrup, which is the five-pointed maple leaf is a Canadian symbol and has featured on the flag since

So how did maple syrup production begin? Well, long before Europeans settled in these of the world, the indigenous communities had started producing maple sugar. They holes in the trunks of maple trees and used containers made of tree bark to collect the sap as it poured out. As they were unable to keep the liquid for any length of time — didn't have storage facilities in those days — they boiled the liquid by placing pieces of that had become scorching hot from the sun into the sap. They did this until it turned sugar, and they were then able to use this to sweeten their food and drinks. Since that improvements have been made to the process, but it has changed very little

So let's look at the production of maple syrup today. Clearly, the maple forests are a resource in many Canadian and North American communities. The trees have to be looked after and they cannot be used to make syrup until the trunks reach a diameter around 25 centimetres. This can take anything up to 40 years. As I've already maple trees need the right conditions to grow and also to produce sap. Why is this? what happens is that during a cold night, the tree absorbs water from the soil, and rises through the tree's vascular system. But then in the warmer daytime, the change temperature causes the water to be pushed back down to the bottom of the tree. continual movement – up and down – leads to the formation of the sap needed for syrup

When the tree is ready, it can be tapped and this involves drilling a small hole into the and inserting a tube into it that ends in a bucket. The trees can often take several though the workers take care not to cause any damage to the healthy growth of the tree The sap that comes out of the trees consists of 98 percent water and 2 percent sugar other nutrients. It has to be boiled so that much of that water evaporates, and this has to take place immediately, using what are called evaporators. These are extremely large pans – the sap is poured into these, a fire is built and the pans are

heated until the sap boils. As it does this, the water evaporates, and the syrup begins to	
The evaporation process creates large quantities of steam, and the sap becomes thicker	Q38
denser, and, at just the right moment, when the sap is thick enough to be called maple	
the worker removes it from the heat. After this process, something called 'sugar sand' has	Q39
be filtered out as this builds up during the boiling and gives the syrup a cloudy	
and a slightly gritty taste. Once this has been done, the syrup is ready to be packaged so	
it can be used for a whole variety of products. It takes 40 litres of sap to produce one litre	Q40
manle syrup so you can get an idea of how much is	

So that's the basic process. In places like Quebec

Listening and Reading answer keys

TEST 1

LISTENING



Answer key with extra explanations in Resource Bank

Part 1, Questions 1–10

litter dogs insects butterflies wall island boots beginners spoons 35 / thirty five

Part 2, Questions 11–20

11 A 12 C 13 B	
14 B 15&16 A	IN EITHER ORDER
17&18 B	IN EITHER ORDER
19&20 D	IN EITHER ORDER

Part 3, Questions 21-30

21	Α
22	В
23	В
24	Α
25	С
26	С
27	Α
28	Ε
29	F
30	С

Part 4, Questions 31-40

31 32 33 34 35 36 37 38 39 40	puzzle logic confusion meditation stone coins tree breathing paper anxiety
40	anxiety

If you score ...

1–15	16–25	26–40
you are unlikely to get an acceptable score under examination conditions and we recommend that you spend a lot of time improving your English before you take IELTS.	you may get an acceptable score under examination conditions but we recommend that you think about having more practice or lessons before you take IELTS.	you are likely to get an acceptable score under examination conditions but remember that different institutions will find different scores acceptable.

READING



Answer key with extra explanations in Resource Bank

Reading Passage 1, Questions 1–13

1 2 3 4 5 6 7 8	population suburbs businessmen funding press soil FALSE NOT GIVEN	22 238 258	24 C D	ops IN EITHER ORDER IN EITHER ORDER
9 10 11 12 13	TRUE TRUE FALSE FALSE NOT GIVEN			ng Passage 3, ions 27–40
	ading Passage 2, estions 14–26 A F E	30 31 32 33 34 35	B D)
17 18 19 20	D fortress bullfights opera	36 37 38 39	B C A B	

If you score ...

salt

21

1–17	18–26	27–40
you are unlikely to get an acceptable score under examination conditions and we recommend that you spend a lot of time improving your English before you take IELTS.	you may get an acceptable score under examination conditions but we recommend that you think about having more practice or lessons before you take IELTS.	you are likely to get an acceptable score under examination conditions but remember that different institutions will find different scores acceptable.

40 D

LISTENING



Answer key with extra explanations in Resource Bank

Part 1, Questions 1–10

1	collecting
2	records
3	West
4	transport
5	art
6	hospital
7	garden

ŏ	quiz
9	tickets
10	poster

Part 2, Questions 11–20

11	В
12	С
13	С
14	В
15	D
16	С
17	G
18	Α
19	Е
20	F

Part 3, Questions 21–30

21&22	IN EITHER ORDER
D	

	Ε
23	D
24	С
25	Α
26	Ε
27	F
28	В
29	С
30	\sim

Part 4, Questions 31–40

	•
31	321,000
32	vocabulary
33	podcast
34	smartphone
35	bilingual
36	playground
37	picture
38	grammar
39	identity
40	fluent

If you score ...

1–18	19–28	29–40
you are unlikely to get an acceptable score under examination conditions and we recommend that you spend a lot of time improving your English before you take IELTS.	you may get an acceptable score under examination conditions but we recommend that you think about having more practice or lessons before you take IELTS.	you are likely to get an acceptable score under examination conditions but remember that different institutions will find different scores acceptable.

READING



Answer key with extra explanations in Resource Bank

Reading Passage 1, Questions 1–13

1	rock	21	Α	
2	cave	22	С	
3	clay	23	Α	
4	Essenes	24	flavour / flavor	
5	Hebrew	25	size	
6	NOT GIVEN	26	salt	
7	FALSE			
8	TRUE	Reading Passag		
9	TRUE			
10	FALSE	Qu	uestions 27–4	
11	FALSE	27	27 D	
12	TRUE	28	Α	
13	NOT GIVEN	29	Α	
		30	С	
Rea	ading Passage 2,	31	Α	
	estions 14–26	32	NO	
wu	とういひけう バサームひ	22	NIOT ON (EN	

14 C **15** B **16** E **17** A **18** C **19** B **20** D

Passage 3, ns 27-40

33 NOT GIVEN 34 YES 35 NO 36 NOT GIVEN 37 38 D 39 Ε 40

If you score ...

1–18	19–27	28–40
you are unlikely to get an acceptable score under examination conditions and we recommend that you spend a lot of time improving your English	you may get an acceptable score under examination conditions but we recommend that you think about having more practice or lessons before	you are likely to get an acceptable score under examination conditions but remember that different institutions will find different
before you take IELTS.	you take IELTS.	scores acceptable.

LISTENING



Answer key with extra explanations in Resource Bank

Part 1, Questions 1–10

1	family
2	fit
3	hotels
4	Carrowniskey
5	week
6	bay
7	September
8	19 / nineteen
9	30 / thirty
10	boots

Part 2, Questions 11-20

11&12		IN EITHER ORDER
	В	
	Ε	
13	С	
14	С	
15	Α	
16	Ε	
17	D	
18	G	
19	F	
20	С	

Part 3, Questions 21-30

	,
21	В
22	Α
23	Α
24	В
25	С
26	Α
27	D
28	В
29	F
30	Н

Part 4, Questions 31-40

31	mud
32	feathers
33	shape
34	moon
35	neck
36	evidence
37	destinations
38	oceans
39	recovery
40	atlas

If you score ...

1–17	18–26	27–40
you are unlikely to get an acceptable score under examination conditions and we recommend that you spend a lot of time improving your English before you take IELTS.	you may get an acceptable score under examination conditions but we recommend that you think about having more practice or lessons before you take IELTS.	you are likely to get an acceptable score under examination conditions but remember that different institutions will find different scores acceptable.

READING



Answer key with extra explanations in Resource Bank

Reading Passage 1, Questions 1-13

carnivorous

2	scent
3	pouch
4	fossil
5	habitat
6	TRUE
7	FALSE
8	NOT GIVEN
9	FALSE
10	NOT GIVEN
11	FALSE
12	TRUE
13	NOT GIVEN

Reading Passage 2, Questions 14-26

14	F
15	G
16	Α
17	Н
18	В
19	Ε
20	C

21&22 IN EITHER ORDER

С

23 solid

24 (Sumatran) orangutan / orang-utan

25 carbon stocks

26 biodiversity

Reading Passage 3, Questions 27-40

D В С 30 D 32 NO 33 YES 34 **NOT GIVEN** 35 NO 36 Н 37 D 38 39 40

If you score ...

1–18	19–27	28–40
you are unlikely to get an acceptable score under examination conditions and we recommend that you spend a lot of time improving your English before you take IELTS.	you may get an acceptable score under examination conditions but we recommend that you think about having more practice or lessons before you take IELTS.	you are likely to get an acceptable score under examination conditions but remember that different institutions will find different scores acceptable.

LISTENING



Answer key with extra explanations in Resource Bank

Part 1, Questions 1–10

1	floor(s)
2	fridge
3	shirts

windows balcony

6 electrician

review

dust 8 police training

Part 2, Questions 11-20

11 12 Α

13 14 С

Α

15 16 17 С В

18 С

19 20 В

Part 3, Questions 21–30

21&22 IN EITHER ORDER

23&24 IN EITHER ORDER

D В

25 **26**

27 Α 28 D

29 30 G

Part 4, Questions 31-40

golden

32 healthy

33 climate

34 rock(s)

35 diameter

36 tube

37 fire

38 steam

39 cloudy

40 litre / liter

If you score ...

1–17	18–27	28–40
you are unlikely to get an acceptable score under examination conditions and we recommend that you spend a lot of time improving your English before you take IELTS.	you may get an acceptable score under examination conditions but we recommend that you think about having more practice or lessons before you take IELTS.	you are likely to get an acceptable score under examination conditions but remember that different institutions will find different scores acceptable.

READING



Answer key with extra explanations in Resource Bank

Reading Passage 1, Questions 1–13

1	FALSE	23&24	IN EITHER ORDER
2	FALSE	В	
3	NOT GIVEN	E	
4	TRUE	25&26	IN EITHER ORDER
5	NOT GIVEN	В	
6	TRUE	D	
7	droppings		

7 droppings8 coffee9 mosquitoes10 protein

11 unclean12 culture13 houses

Reading Passage 2, Questions 14–26

14 E
15 A
16 D
17 F
18 C
19 descendants
20 sermon
21 fine
22 innovation

D Ε F В 30 Н 33 **FALSE** 34 NOT GIVEN 35 **NOT GIVEN** 36 **TRUE** 37 memory 38 numbers 39 communication

visual

Reading Passage 3,

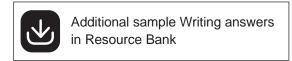
Questions 27-40

If you score ...

1–17	18–26	27–40
you are unlikely to get an acceptable score under examination conditions and we recommend that you spend a lot of time improving your English before you take IELTS.	you may get an acceptable score under examination conditions but we recommend that you think about having more practice or lessons before you take IELTS.	you are likely to get an acceptable score under examination conditions but remember that different institutions will find different scores acceptable.

40

Sample Writing answers



TEST 1, WRITING TASK 1

This is an answer written by a candidate who achieved a **Band 6.0** score.

The two maps illustrates the norbiton area in the present days, as well Overall, the norbiton industrial area is located at the east side of th north, separating the farmland from the industrial area, which is locat represented by a few factory biuldings and roads, followed by the main of the

the planned development shows a substantially growth and modifications infrastructure of the area between the farmland and the

Firstly, the planned development of the norbiton area replaces what one for

Moreover, the roads have been developed to acomodate all the new biuldi planned for the area, which are, a school and a playground to the east located in the center of the map, as well as shops and a medical center

Secondly, a bridge is planned for the north of the map to cross the riv housing that will be located in

Here is the examiner's comment:

This response covers the key changes to be made to the industrial area, although more detail could be provided, for example, housing to the west of the roundabout. There is an overview in the second paragraph and the response could be improved by adding a summary of the main changes.

Ideas are arranged coherently, with some effective use of cohesive devices [what once were], sequencing adverbs [Firstly | Secondly] and referencing [which | that].

There is some less common vocabulary but spelling is often inaccurate [acomodate | accommodate | biuldings | buildings] and word formation is incorrect [substantially growth | substantial growth].

To achieve a higher score, the candidate would need to reduce the number of errors in vocabulary and sentence structure.

TEST 1, WRITING TASK 2

This is an answer written by a candidate who achieved a **Band 6.5** score.

It is said that taking risks brings a lot of benefits. However, it also First of all, it is obvious that taking risks will cause a great loss i life, this loss might not be so harmful. However, it will be really har because people take a responsibility not only for themselves but also constomers and their families. It will even damage the society from the

On the other hand, we can receive huge benefits by taking risks. Firstl prepare for one goal through this process. In order to achieve the aim, efforts to think about it and try to find more efficient way. If they discumstances, they will recognise the responsibility and importance

Also, it will be completely meaningful even though people can't achieve They will learn the reason why they have failed and how to change it. T improve their skills and to achieve their object

As I mentioned, it is true that taking risks give us both advantages an can be argued that the benefits outweighed the drawbacks in that we can from the result but also from the process of

Here is the examiner's comment:

This response discusses the advantages and the disadvantages of taking risks. It puts much greater emphasis on risks in 'professional life'. As this response is below 250 words (it is only 242), more could be added to include risks in 'personal life' along with some specific examples of risks that people commonly take. There is a clear progression through the response and ideas are logically organised; disadvantages are presented first and advantages second. Cohesive devices can be quite mechanical with examples at the start of most sentences [First of all | However | On the other hand | Firstly] but referencing is generally appropriate [it | this loss | They | The failure]. The first paragraph is very short and paragraphing is not entirely logical.

Vocabulary is effective with some less common items [damage the society | receive huge benefits | enable | obtain advantages ... from the process]. Occasional errors remain [object / objective | point / perspective]. Sentence structure is good, with frequent error-free sentences. There is a variety of complex structures, including conditionals [if], but a few errors remain.

To improve this response, the word count of 250 should be reached and concrete example(s) of risk could be provided.

TEST 2, WRITING TASK 1

This is an answer written by a candidate who achieved a **Band 7.5** score.

The table illustrates the data on the police budget in which the money charts describe the distribution of the amount of money in the two of y area of Britain. Overall, there was an upward trend in all three differ spent on salaries was always the majority of

Looking into more details, the highest amount of money on the police bu Government', 175.5 million pounds in 2017 and it kept rising to 177.8 m followed by 'Local Taxes', at 91.2 million pounds in 2017, after one ye 102.3 million

In term of the how the money was spent, the majority of police budget g for officers and staff, dropping slightly from 75% in 2017 to 69% in 20 of 'Buildings and transport' remained constantly, at 17% each year. An in the category of technology, its figure rose sharply from 8% in 2017 always the lowest rate during the given

Here is the examiner's comment:

This is a strong response. The candidate provides a clear overview at the end of the first paragraph which highlights the consistently increasing trend from the table and identifies the largest category from the pie charts. Full details are given for the first two sources of the budget but, to achieve a higher rating, key features in the table could be more fully extended.

Information is presented in the order of the table first and then the charts, in a logical manner. The test taker demonstrates a good range of cohesive devices [while | which was] and uses three paragraphs appropriately to organise and sequence the required data.

There is a wide range of vocabulary [figure rose sharply | during the given period] with accurate spelling, although there are occasional errors in word choice. The range of grammatical structures is wide, including modal [can] and continuous forms [kept rising] – although there are occasional errors e.g. using present tenses [goes on] to describe data from 2017 and 2018.

To improve this response, the key features presented from the table could be more fully extended. The candidate could also reduce the few errors in sentence structure.

TEST 2, WRITING TASK 2

This is an answer written by a candidate who achieved a **Band 6.5** score.

Mobile phones, nowadays, contains essential features with entertainment large growth seen in usage hours of smartphones among youngsters. There behind this situation and I find this development more beneficial than and my view is elaborated

The first reason for overusage of smart devices by youngsters is the so The smart phone connected with internet opens up the large possibilitie to communicating with them over social media. For instance, a child in for hours with his school friends over Facebook (a social media) and al video sharing phone application. Moreover, the mobile gaming, specially another major reason for the situation. Children plays different kind centertainment purpose and they involve themselves in games in such a matabout the timing and other work

However, I believe that smartphones have also increased the knowledge of some important social skills, such as communication skill, team work and them to work and play in groups, without the restriction of distance. I learn through internet by watchin online videos and reading articles, we in their studies as well as language skills. For example, whenever my not something, he searches it over the internet and learns from it. Moreove improves their multitasking ability and it also gives them a

Overall, I agree that overusage of smartphones on regular basis is harm proper guidance, mobile phones can help them in learning some

Here is the examiner's comment:

This response addresses both parts of the question. A range of ideas is expressed and the candidate gives their position in the opening paragraph and then provides evidence and relevant examples.

Ideas are logically organised and there is clear progression throughout the four paragraphs. A range of cohesive devices are used [*The first reason* | *For instance* | *Moreover*] with referencing used appropriately [*they* | *themselves* | *their studies* | *it*].

The range of vocabulary is good with examples of higher-level items [social skills | restriction of distance | ultimately] and there are few errors [overusage / overuse | niece ... he / niece ... she | watchin / watching | require to know / needs to know]. Similarly, the range of grammatical structures is reasonable, but the level of error means the Band Score cannot be higher than 6.5.

TEST 3, WRITING TASK 1

This is an answer written by a candidate who achieved a **Band 5.5** score.

The chart describes the data about families weekly expenditure prospect. The most significant spent rate is on food with a 35% ratio in the year come next with the same prospect of 10% of the weekly income. Expenditure personal goods and household goods are almost same percentage, the form Lastly, spent rates on fuel and the others are recorded the least with Turning to 2018, food expenditure of families had dropped dramatically 15 to 20. On the other hand, housing spent had rised significantly with than food expenditures. The most crucial rise was recorded on leisure s abut 10% in 50 years. Transportation expeditures comes after and follow the othe categories respetively. Last three had remained the least just power, clothing and footware and personal

Overall, weekly expenditure averages of families had dramatically chang spent rates had remained the same whereas some of the alterations are

Here is the examiner's comment:

This response clearly presents the data from the bar graph. The candidate presents all the data for 1968 first and then the data for 2018. There is an overview in the final sentence, but it should summarise the main changes from the bar chart rather than just saying that expenditure 'had ... changed'. Information is arranged coherently into four paragraphs, and there is clear overall progression. A range of cohesive devices is used [*Turning to 2018* | *followed by* | *whereas*] with an awareness of referencing [*former one* | *the othe categories* | *Last three*].

There are some less common examples of vocabulary [dropped dramatically to | rised significantly | soared]. Errors remain [spent rates / expenditure | housing spent / housing costs] but do not impede communication. Similarly, grammatical structures include some complex forms [had dropped ... to] and sentences with multiple clauses; however, there are errors, including inconsistent use of articles and with past tenses.

To improve the response, a summary of the main trends from the bar chart is needed in the overview; for example, the candidate could say that there has been a significant decrease in spending on food over the 50-year period, but the cost of leisure, housing and transport has significantly increased.

TEST 3, WRITING TASK 2

This is an answer written by a candidate who achieved a **Band 6.5** score.

As the number of professionals workking abroad increases, it is often should stay where hey did their trainings or they should be free to mov desired to. While I believe theat a person should be free to migrate, I effects on the country of

On the one hand, professionals who decide to work abroad are seeking for career opportunities. Therefore, they should be allowed to improve their of their country of origin. For example, whilst in Spain residents in a experience due to safety measures, in other countries such as Argentina their skills with patients. Besides, cultural exchanges have proven to different nationalities mean different believes and the introduction

On the other hand, when professionals leave the country where they traid damaged socially and economically. In countries where the government prand healthcare, many people think that the population should compensate skills and abilities. Furthermore, as a study fo South African emigratical a professional lease the country it results in the loss of 10 unskilled economy and the

Taking everything into account, it can be said that miving out from the not be taken lightly, given the adverse effects on the population. Howe someone's professional development should not depend on their country can should be allowed to look for better opportunities

Here is the examiner's comment:

This response addresses both parts of the question. Both views are considered and an opinion is given. For a higher rating, fuller coverage on the first point, the requirement to 'work in the country where they did their training' could be included. Organisation is logical and there is clear progression thorough the four paragraphs.

The range of vocabulary is good with examples of higher-level items [hands-on experience | compensate | better opportunities overseas], but there are a number of errors [theat / that | believes / beliefs | lease / leaves | miving / moving]. Similarly, the range of grammatical structures is reasonable, but the level of error means the Band Score cannot be higher than 6.5.

TEST 4, WRITING TASK 1

This is an answer written by a candidate who achieved a **Band 7.5** score.

The line graph shows trends in shop closures and openings of new shops between the years 2011 and

In 2011 approximately 6,400 shops closed. The number of closures flucture years until 2015, when there was a dramatic fall in closures to roughly the number of shops closing their doors rose sharply, reaching over 5,000 steady for the next two years, with just over 5,000

The number of new shops opening decreased dramatically between 2011 (ap 2012 (just under 4,000) but rebounded by roughly 50% by 2014. In 2015, then fell to the 2012 level, but remained stable for the next two years saw a further fall to 3,000 new openings, the lowest point in this

Overall, the number of shop closures has remained within the 5,000 to 7 exception of 2015). In contrast, new shop openings have shown a wider representation generally indicate a downward trend over the same

Here is the examiner's comment:

This is a strong response which provides a clear overview in the final paragraph. Data is presented and key features are highlighted appropriately. Closures are dealt with first, and the details are clearly presented, including the [dramatic fall] key feature. Shop openings are dealt with separately, in similar detail. Key peaks and low points are appropriately flagged.

For the highest task score, there could be more detail provided during the periods of [fluctuation] between 2011 to 2014 and 2016 to 2018.

Ideas are logically organised, taking each line on the graph in turn, and paragraphing is used appropriately, apart from the single sentence first paragraph. Cohesion is well managed.

The range of vocabulary is wide, with some skilful use [rebounded by roughly | further fall | exception of]. The grammar includes a variety of complex structures, with numerous long sentences containing a number of clauses. This is a good example of a higher-level response to this Task 1 question.

TEST 4, WRITING TASK 2

This is an answer written by a candidate who achieved a **Band 6.0** score.

Since ancient times people tried to treat themselves by herbals and and these days this type of treatment is named as alternative medicine. Now people with some diseases decide to use alternative medicines instead of essay I will try to discuss pros

In my opinion, the disadvantages outweigh the advantages of using tradireason is that nobody knows how this treatment will affect to a person' cases when using different herbals caused allergic reaction and some peis that people who do not have any medical education try alternative me what the result will be and hope that it will be positive but not

Although there are a lot of disadvantages, advantages might make people The first and the main pro is that using herbals does not cause environ pollution or gas waste. Many pharmaceutical plants use chemicals which environment. The other reason is that alternative medicines are usually treatment as you do not have to go to pharmacy and buy

To sum it up, the alternative treatment will be forever because it has people think that they can outweigh the disadvantages but I do not thin medicine which develops rocketly will drive out other types of treatmen

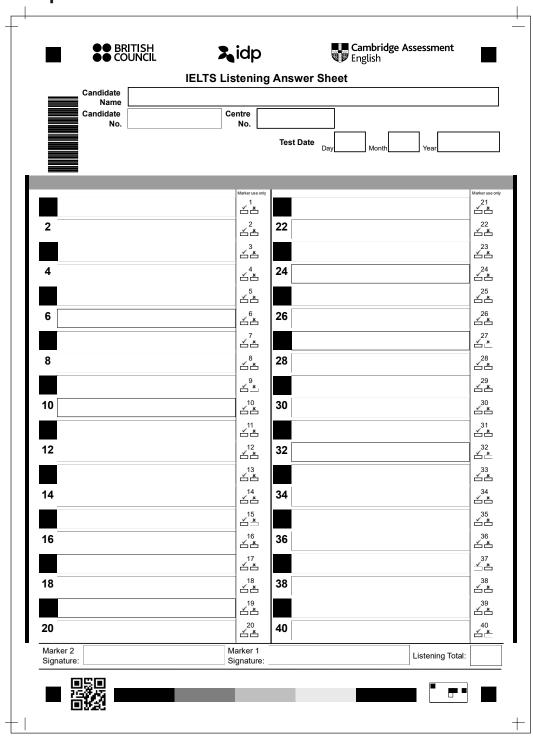
Here is the examiner's comment:

The response addresses both sides of the question and the candidate states their position in the second paragraph. The disadvantages presented include not knowing if the treatments will work, possible allergic reactions and the dangers of untrained practitioners. The advantages include remedies being kinder to the environment and usually cheaper.

Ideas are arranged coherently with a range of cohesive devices, although organisation is sometimes mechanical due to the high number of linking devices. There is evidence of referencing [chemicals which | it] with some error [that they can outweigh / outweigh].

Vocabulary is used adequately and there are some good examples used [allergic reaction | pharmaceutical plants | conventional medicine]; however, some errors remain [dead / die | rocketly / very quickly]. Grammatical structures include some sentences with multiple clauses [which have | as you]. However, there are errors [not always is like that / it is not always] and most sentences are short and simple.

Sample answer sheets



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Key: R = Reading

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